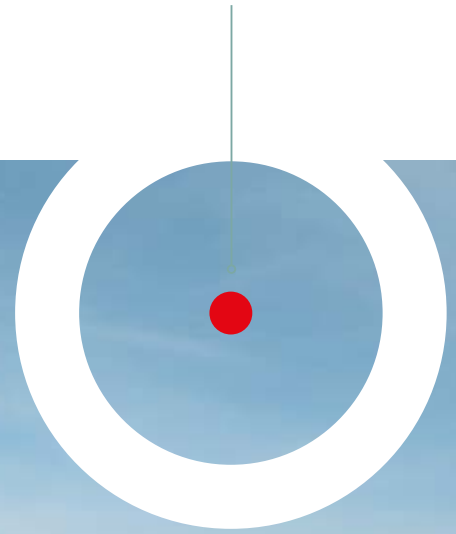




**ARBOS**



# **PRODUCTS CATALOGUE**

**Tractors, Precision planters, Fertilisers, Sprayers**



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**PRODUCTS CATALOGUE**  
**ARBOS**

# COMPANY PROFILE

High-tech, environmentally sensitive, uncompromising design: ARBOS, the new brand which is ambitiously taking on the world market, is proceeding apace to complete its full product line, adding a complete, efficient and cutting-edge range of agricultural equipment to its range of tractors. ARBOS industrial design guidelines are clearly identifiable:

- ITALIAN TRADITION
- CUTTING-EDGE DESIGN
- ENVIRONMENTALLY SENSITIVE
- A PASSION FOR DESIGN



ARBOS has inherited the values of a long-standing and glorious Italian brand, bringing its strengths up to date, taking advantage of significant economies of scale, focusing on excellence in design and bringing everything together with an original, award-winning style\*. The prerequisites for success are all present and are actively pursued with commitment and conviction, aiming at reaching a level of quality which alone can guarantee long-lasting and all-encompassing success. This is what we call "Techno - Green" approach, the cornerstone of our corporate philosophy.

Now the road has finally been paved and the new, rapidly evolving full-line product range, entirely manufactured in our two production plants in San Vito al Tagliamento and Carpi, is making a powerful advance on the domestic and international markets.

All models stand out for their comfort, practicality, style, excellent performance, green credentials and ease of use: Italian design and manufacturing has never been so smart, mixing spot-on design, execution and respect for the surrounding environment.

All this with a keen eye towards reducing purchasing, running and maintenance costs.

We are a blend of expertise, tradition and modernity.








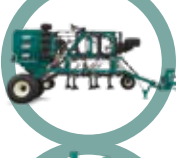




We are ready for the challenges that today and tomorrow may throw at us.

We are fast yet careful, innovative yet grounded.

We are ARBOS.

\* Red Dot Winner 2017



|   |   |           |
|---|---|-----------|
|    | <b>Compact</b>  | <b>6</b>  |
|    | <b>Open field tractors</b>                              | <b>10</b> |
|    | <b>Orchard/Vineyard tractors</b>                        | <b>20</b> |
|    | <b>Subsoilers</b>                                       | <b>32</b> |
|    | <b>Vacuum precision planters</b>                        | <b>36</b> |
|   | <b>Seed drills for cereals</b>                          | <b>50</b> |
|  | <b>Seed drills with power harrow</b>                    | <b>58</b> |
|  | <b>Pneumatic seed drills minimum till &amp; no-till</b> | <b>62</b> |
|  | <b>Row crop cultivator</b>                              | <b>68</b> |
|  | <b>Fertilizer spreader</b>                              | <b>70</b> |
|  | <b>Sprayers</b>   | <b>74</b> |
|  | <b>Electronic agricultural equipment</b>                | <b>80</b> |

**2025**  
**2035**



**SIMPLE, VERSATILE, STURDY AND “GREEN”**

The ideal tractors for any activity. Eco-friendly thanks to the adoption of cleaner and more efficient direct injection diesel engines. With 25 or 35 HP, 3 or 4 cylinders and 16 speeds, rear differential lock, the 2025 and 2035 represent the perfect solution for both Businesses and operators.

- 25 hp engine, 3 cylinders or 35 hp, 4 cylinders
- 8 + 8 syncro shift transmission
- Hydraulic PTO 540/1000 rpm
- Tractor mother regulation (tmr) compliant
- Rear differential lock

TECHNICAL DATA

|                               |   | 2025      | 2035      |           |
|-------------------------------|---|-----------|-----------|-----------|
| <b>ENGINE</b>                 |   |           |           |           |
| Type                          | Direct injection diesel                                 |           |           |           |
| Power rating                  | HP/kW   | 25/18,4   | 35 /25,8  |           |
| N°Cylinders                   | n°  | 3         | 4         |           |
| Swept volume                  | cc  | 1530      | 2160      |           |
| <b>TRANSMISSION</b>           |   |           |           |           |
| N° Speeds                     | 8 + 8 Synchro Shift, mechanical drive, four-wheel drive |           |           |           |
| Reverse Shuttle               | Mechanical  |           |           |           |
| Speed                         | kph   | 30        |           |           |
| <b>HYDRAULIC CIRCUIT</b>      |   |           |           |           |
| Pump flow rate                | l/min   | 15 + 32   |           |           |
| Rear hydraulic control valves |   | 2 SE/DE   |           |           |
| <b>DRIVER'S AREA</b>          |   |           |           |           |
| Platform                      | Integral platform on liquid silicon silent block        |           |           |           |
| <b>WEIGHTS AND DIMENSIONS</b> |   |           |           |           |
| Length                        | mm  | 3558      |           |           |
| Width                         | mm  | 1550      |           |           |
| Wheelbase                     | mm  | 1800      |           |           |
| Weight with safety frame      | kg  | 1630      | 1714      |           |
| Weight with cab               | kg  | 1724      | 1805      |           |
| <b>TYRES</b>                  |   |           |           |           |
| Front - Rear                  | 7.0-12  | 9.5-24    | 260/70R16 | 320/85R24 |
|                               | 7.0-12  | 11.2-20   | 8.0/16    | 360/80R24 |
|                               | 6.0-16  | 11.2-24   | 6.5/16    | 12.4-24   |
|                               | 240/70R16   | 280/85R24 | 240/70R16 | 280/85R24 |
|                               | 260/70R16   | 360/70R24 | 6.0-16    | 11.2-24   |
|                               | -   | -         | 260/70R16 | 360/70R24 |
|                               | -   | -         | -         | -         |

# 3055

- 50 hp, 4 cylinders engine
- 12F+12R transmission
- Hydraulic PTO 540/1000 rpm
- Tractor mother regulation (tmr) compliant
- Rear differential lock



## TECHNICAL DATA

| ENGINE                        |            |  |
|-------------------------------|------------|--|
| Type                          |            | Direct injection diesel  |
| Power rating                  | HP/kW      | 50/36,8  |
| N° Cylinders                  | n°         | 4  |
| Swept volume                  | cc         | 3168   |
| TRANSMISSION                  |            |  |
| N° Speeds                     |            | 12 + 12 synchro shift with mechanical drive and four-wheel drive |
| Reverse Shuttle               |            | Mechanical, synchronized   |
| Speed                         | kph        | 40   |
| HYDRAULIC CIRCUIT             |            |  |
| Pump flow rate                | l/min      | 15 + 45  |
| Rear hydraulic control valves |            | 2 SE/DE  |
| DRIVER'S AREA                 |            |  |
| Platform                      |            | Integral platform on liquid silycon silent block                 |
| WEIGHTS AND DIMENSIONS        |            |  |
| Length                        | mm         | 4136   |
| Width                         | mm         | 1660   |
| Wheelbase                     | mm         | 1990   |
| Weight with safety frame      | kg         | 2300   |
| Weight with cab               | kg         | 2480   |
| TYRES                         |            |  |
| Front - Rear                  | 8.3-20     | 14.9-24  |
|                               | 8.3-20     | 12.4-28  |
|                               | 260/70R20  | 380/85R24  |
|                               | 280/70R16  | 260/70R20  |
|                               | 260/70R20  | 380/85R24  |
|                               | 31X9.5-16  | 13-20  |
|                               | 280/70 R20 | 380/70 R28   |

### COMPACT, EFFICIENT AND RELIABLE

In compliance with the new TMR norm, thanks to the evolution of modern machinery, the new ARBOS 3055 offers reliability, quality and performance. Environment-friendly 50 horsepower engine, hydraulic PTO (540/1000rpm), rear differential lock, and 24 speeds, ARBOS combines efficiency and utility in a carefully designed machine that has just about everything you expect, and even more.



# 3050



- Engine 4 cyl 48 hp
- 12 + 12 Gearbox with fast reverse (Additional 4 fast rev speeds)
- Multifunctional

## SPECIALIZED

3050 is the range designed by ARBOS for a wide variety of specialistic uses: work in the open fields, between the rows of vineyards and orchards, in greenhouses and nurseries as well as in all the many transport jobs required in farms and for professional ground care. ARBOS 3050 is the answer for those who need a versatile, multifunctional machine that possesses all the strong points of an ARBOS tractor: compact size, sturdiness and reliability.

## TECHNICAL DATA

| <b>ENGINE</b>              |        |   |
|----------------------------|--------|---|
| Type                       |        | Lombardini LDW 2204 step 3A                             |
| Power rating               | kW(hp) | 35,3/48   |
| Nominal rate               | rpm    | 2800  |
| N° Cylinders               | n°     | 4 aspirated   |
| Cooling                    |        | water   |
| Displacement               | cc     | 2199  |
| Torque reserve             |        | 8%  |
| Tank capacity              | l      | 45  |
| <b>TRANSMISSION</b>        |        |   |
| N° Speeds                  |        | 12+12 with reverse shuttle + Fast Reverse (4 RM)        |
| Main clutch                |        | 9" dry disc   |
| Reverse Shuttle            |        | Synchronized  |
| Rear differential lock     |        | Mechanical  |
| Speed                      | kph    | 30  |
| <b>BRAKES AND STEERING</b> |        |   |
| Type of brakes             |        | Oil cooled multiple plate type with mechanical actuator |
| Type of steering           |        | Hydrostatic   |
| Steering angle             |        | 55°   |



**REAR PTO**

|         |  |  |
|---------|--|--|
| Type    |  | Independent at 540/1000 rpm, clockwise rotation; synchronized with gearbox speeds, anti-clockwise rotation |
| Clutch  |  | Dry disc type  |
| Control |  | Mechanical   |

**FRONT PTO (Optional)**

|         |  |   |
|---------|--|---|
| Type    |  | Independent at 1000 rpm anti-clockwise rotation |
| Clutch  |  | Electromagnetic                                 |
| Control |  | Electric  |

**MID PTO (Optional)**

|         |  |                         |
|---------|--|-------------------------|
| Type    |  | Independent at 2000 rpm |
| Clutch  |  | Dry disc type           |
| Control |  | Mechanical              |

**REAR POWER LIFT**

|                  |    |  |
|------------------|----|--|
| Type             |    | Hydraulic up and down lifter with position and draft control |
| Lifting capacity | kg | 1800   |
| 3 point hitch    |    | Class 1N   |

**FRONT POWER LIFT (Optional)**

|                  |    |                       |
|------------------|----|-----------------------|
| Type             | l  | Hydraulic up and down |
| Lifting capacity | kg | 350                   |
| 3 point hitch    |    | Class 1N              |

**HYDRAULIC CIRCUIT**

|   |   |  |
|---|---|--|
| Pump flow rate                            | l | 33   |
| Rear hydraulic control valves             |   | n. 2 SCV (single unit) double acting with recovery |
| Front hydraulic control valves (Optional) |   | n. 3 SCV (single unit)                             |

**DRIVER'S AREA**

|               |  |  |
|---------------|--|--|
| Platform      |  | Integral platform on liquid sylicon silent block |
| Safety frame  |  | yes  |
| Cab           |  | GL 12 FULL GLASS                                 |
| Instruments   |  | Analog   |
| Driver's seat |  | On elastic suspensions                           |
| Tow hook      |  | B/CEE type                                       |

**WEIGHTS AND DIMENSIONS**

|                                    |    |           |
|------------------------------------|----|-----------|
| Length (min - max)                 | mm | 2949      |
| Width (min - max)                  | mm | 1309-1500 |
| Height to safety frame             | mm | 1885-1940 |
| Height to cab (min - max)          | mm | 2090-2180 |
| Ground clearance (min - max)       | mm | 300+316   |
| Wheelbase                          | mm | 1723      |
| Front track (min - max)            | mm | 964-1152  |
| Rear track (min - max)             | mm | 980-1134  |
| Minimum turning radius with brakes | m  | 3,2       |
| Weight with safety frame           | kg | 1475      |
| Weight with cab                    | kg | 1645      |

**TYRES**

|                         |  |                          |
|-------------------------|--|--------------------------|
| Rear - Front (standard) |  | 280/85R20 - 200/70R16    |
|                         |  | 360/70R20 - 11.0/65x12"  |
|                         |  | 38/14.00x20 - 27/8.50x15 |
|                         |  | 320/70R24 - 240/70R16    |



# 5000 SERIES

- 4 cyl 3400 cc TIER IV FINAL ENGINE
- Modular 5-speed transmission providing 3 gear ranges - Global and Advanced
- Four-pillar high-visibility cab
- Power lift with up to 4600 kg capacity and 110 l/min hydraulic system



## MODULAR TRANSMISSION IN MANY CONFIGURATIONS

The challenge faced by ARBOS designers was definitely not an easy one: design a transmission which is simple yet efficient, modern and relentless without affecting the easiness of use and costs. The result is clear to see: an “accessible” transmission, in line with current technical solutions which is sturdy and reliable in all conditions, as demonstrated during many rigorous field tests. The basic design was developed in two different configurations: Global and Advanced.

### **DIESEL of the year 2015**

For the 5000 Series we couldn't just settle for any engine: we wanted one which is innovative, efficient, fuel saving and 100% reliable. We found it: the Kohler 3404 TCR SCR Tier IV F, four cylinders with 3400 cc, outstanding in the agricultural engines sector. No wonder it was nominated "Diesel of the Year" 2015. Today the ARBOS 5000 range offers three models from 110 to 136 HP and 95% of torque available between 1300 and 1800 rpm. One of the many exclusive features of these engines is the compact SCR system (with integrated DOC) installed on the exhaust: the result is a bonnet with tapered, encircling lines, elegant and distinctive, practical for a reduced turning radius.



### **KOHLER 3404 TCR SCR**

- 4 cylinders 3,400 cc Tier IV F
- Max. power 136 HP (95% available at 1900 rpm)
- Max. torque 500 Nm at 1400 rpm
- 95% of Max. torque available from 1300 to 1800 rpm
- Starting torque 410 Nm and 36% torque increase
- Specific consumption 205 g / kWh



### **CAB: CAR-STYLE COMFORT**

Stylish, comfortable, practical: the interior of ARBOS 5000 cab resembles a car, designed for well-being and ergonomics. It is ideal for long working days, successfully combining visibility, comfort and maximum safety.

Perfect pressurisation, reduced noise level, a microclimate that is comfortable and the same in all seasons and at all times of day. All of this, plus an easily accessible and comfortable driving position.

The extensive 360° glass surface (forward visibility angle 42° up, back 30° down) guarantees exceptional visibility and facilitates operations with the front loader and implements connected to the back.

The cab design is based on a cutting-edge engineering approach, with a structure that distributes

stresses over the entire surface, increasing safety and optimising the weight/power ratio, thanks to a weight that is one third lower than traditional solutions.

The thin roof profile also reduces the tractor's overall height and makes it easier to gauge dimensions where access may be difficult.

Elegance, comfort, visibility and safety: this product is hard to beat!



### **INTERIORS: TRULY ERGONOMIC**

Easy man-machine interaction - in terms of position, load and levers travel: this is the base design concept of ARBOS 5000 cab. The reverse shuttle under the steering wheel (mechanical-synchronised or hydraulic) is handy and practical both with the front loader and in bunker silos, like the levers for the gears, the lift and auxiliary control valves, always within reach. The electro-hydraulic buttons for the differential lock and 4WD engagement allow immediate and instinctive manoeuvring operations. In the cab, amongst the many interesting solutions, comfort is enhanced by the adjustable steering column (double adjustment: angle and height) with a 3-spoke steering wheel and power steering. The light, heating and air conditioning controls are rationally laid out on the dashboard. The powerful climate control unit (completely under the bonnet, with a short and highly efficient circuit), the outlets and the special curve of the windows, optimise air circulation, giving uniform air conditioning, without sudden bursts of hot or cold air. The 5000 Series is available with a traditional analog display or with a more modern 7-inch TFT digital display, having a simple, customisable interface.



# ARBOS 5130



# TECHNICAL SPECIFICATIONS

|                                     |        | <b>ARBOS 5100</b> | <b>ARBOS 5115</b>                          | <b>ARBOS 5130</b> |
|-------------------------------------|--------|-------------------|--|-------------------|
| <b>ENGINE</b>                       |        |                   |  |                   |
| Model                               |        |                   | Tier IV Final                              |                   |
| Cylinders/Displacement              | N°/cm³ |                   | 4/3404                                     |                   |
| Aspiration                          |        |                   | Turbo intercooler                          |                   |
| Injection system                    |        |                   | 2000 bar Common Rail                       |                   |
| Valves                              |        |                   | 16 valves                                  |                   |
| Max. homologated power (2000/25/CE) | hp/KW  | 110/81            | 122/90                                     | 136/100           |
| Nominal engine speed                | rpm    |                   | 2200                                       |                   |
| Max. torque                         | Nm     | 470               | 480  | 500               |
| Max. torque engine speed            | rpm    | 1400              | 1400                                       | 1400              |
| Cooling                             |        |                   | Liquid-Oil - Gas (EGR)                     |                   |
| Engine control                      |        |                   | Electronic                                 |                   |
| Air cleaner                         |        |                   | Dry with safety cartridge and dust ejector |                   |
| Silencer                            |        |                   | Underhood with exhaust on cab upright      |                   |
| After treatment system              |        |                   | DOC+ SCR integrated on rear side pillar    |                   |
| Ad-Blue fuel tank capacity          | l      |                   | 22   |                   |
| Fuel tank capacity                  | l      |                   | 130  |                   |

|                            |         |  |  |  |
|----------------------------|---------|--|--|--|
| <b>TRANSMISSION GLOBAL</b> |         |  |  |  |
| Clutch                     |         |  | 13" double dry clutch, hydraulically operated      |  |
| Gearstep                   |         |  | 5  |  |
| Range                      |         |  | 2  |  |
| Creep                      |         |  | STD  |  |
| Speed                      | FWD+REV |  | 30 + 30 (2 speed Powershift underload)             |  |
| Max. speed                 |         |  | 40 kph   |  |
| Shuttle                    |         |  | Mechanical shuttle with lever under steering wheel |  |
| 4WD                        |         |  | Electrohydraulic engagement                        |  |
| Differential lock          |         |  | 100% diff lock with electrohydraulic engagement    |  |

|                              |         |  |   |  |
|------------------------------|---------|--|---|--|
| <b>TRANSMISSION ADVANCED</b> |         |  |   |  |
| Clutch                       |         |  | WET clutch                                      |  |
| Gearstep                     |         |  | 5   |  |
| Range                        |         |  | 2   |  |
| Creep                        |         |  | STD   |  |
| Speed                        | FWD+REV |  | 45+15 (3 speed Powershift underload)            |  |
| Max. speed                   |         |  | 40 kph  |  |
| Shuttle                      |         |  | Powershuttle                                    |  |
| 4WD                          |         |  | Electrohydraulic engagement                     |  |
| Differential lock            |         |  | 100% diff lock with electrohydraulic engagement |  |

|                   |     |  |                                     |  |
|-------------------|-----|--|-------------------------------------|--|
| <b>Rear P.T.O</b> |     |  |                                     |  |
| Clutch            |     |  | WET clutch                          |  |
| Speed             | rpm |  | 540-1000 / 540-540E                 |  |
| Operation         |     |  | Mechanical operated with pushbutton |  |

|                            |  |  |  |  |
|----------------------------|--|--|--|--|
| <b>BRAKES AND STEERING</b> |  |  |  |  |
| Braking system             |  |  | hydrostatically operated, wet disks on rear wheels, 4WD engagement |  |
| Trailer braking            |  |  | hydraulic braking system<br>pneumatic braking system               |  |
| Hydrostatic steering       |  |  | STD  |  |
| Steering angle             |  |  | 55°  |  |

|  |       | <b>ARBOS 5100</b>   | <b>ARBOS 5115</b>    | <b>ARBOS 5130</b>    |
|--|-------|---|----------------------|----------------------|
| <b>FRONT AXLE</b>                              |       |   |                      |                      |
| Type   |       | Medium duty   | Heavy duty           |                      |
| Front ballast                                  |       | 10 x 48 kg case type weights + 60 kg axle support (total 540 kg) - OPT  |                      |                      |
| Front fenders                                  |       | Dynamic   |                      |                      |
| <b>HYDRAULIC LIFT</b>                          |       |   |                      |                      |
| Rear lift                                      |       | Mechanical with electronic Easylift (OPT)   |                      |                      |
| Maximum lifting capacity                       | kg    | 4.400 / 4.600 (with external cylinder)  |                      |                      |
| Pump delivery                                  | l/min | Gear pump total 110 l/min<br>70 l/min dedicated to implements   |                      |                      |
| Auxiliary hydraulic remote valves              | Ways  | 2 / 3 / 4 remote valves with flow diverter (tot 4)  |                      |                      |
| 3 point linkage (link arms and top link)       |       | Cat II arms with quick adjustment, hydraulic top link   |                      |                      |
| Front lift                                     |       | Maximum lifting capacity 2000 kg<br>Quick ballast 850 kg  |                      |                      |
| <b>DRIVING POSITION</b>                        |       |   |                      |                      |
| Cab features                                   |       | Original sound-proofed, with silent block mounted platform, high visibility roof with rounded glass, up to 8 worklights (4 rear + 4 front) + telescopic rear-view mirrors (TMR) |                      |                      |
| Cab conditioning                               |       | Air conditioning  |                      |                      |
| Instruments                                    |       | TFT 7" digital display  |                      |                      |
| Driver's seat                                  |       | Mechanical suspension, safety belt<br>Pneumatic suspension, safety belt   |                      |                      |
| <b>DIMENSIONS AND WEIGHTS: with rear tyres</b> |       |   |                      |                      |
| Rear   |       | 540/65 R34  | 600/65 R38 (W18L*38) | 600/65 R38 (W18L*38) |
| Front  |       | 440/65 R24  | 440/65 R28 (W14L*28) | 440/65 R28 (W14L*28) |
| Max. length at link arms                       | mm    | 4.249   | 4.299                | 4.299                |
| Width (min - max)                              | mm    | 1916-2348   | 1916-2348            | 1966 - 2538          |
| Max height at cab                              | mm    | 2.644   | 2.756                | 2.756                |
| Ground clearance                               | mm    | 452   | 524                  | 524                  |
| Wheelbase                                      | mm    | 2.347   | 2.397                | 2.397                |
| Front track (min - max)                        | mm    | 1559-2013   | 1559-2013            | 1559-2013            |
| Rear track (min - max)                         | mm    | 1436-1868   | 1436-1868            | 1366-1938            |
| Weight with cab (W/out ballast)                | kg    | 4.200   | 4.600                | 4.600                |



# 7000 SERIES

Powered by a tireless and frugal 6-cylinder engine (from 220 to 260 hp), the Series 7000 uses an "implement powershift" transmission which offers the driver a smooth, efficient and relaxing performance. The cab is any operator's dream, with maximum comfort and minimum noise, combined with ample space and above-average visibility.



Excellent versatility and performance with all applications thanks to the implement powershift system: 4 PWS stages for each gear designed to optimise even the most demanding jobs



6-cylinder FPT high-performance, low-consumption engine







## TECHNICAL DATA

|                                     |         | <b>ARBOS 7220</b>                                       | <b>ARBOS 7240</b> | <b>ARBOS 7260</b> |
|-------------------------------------|---------|---|-------------------|-------------------|
| <b>ENGINE</b>                       |         |   |                   |                   |
| Model                               |         | Tier IV Final   |                   |                   |
| Cylinders/Displacement              | N°/cm³  | FPT 6/6700  |                   |                   |
| Injection system                    |         | 2000 bar Common Rail                                    |                   |                   |
| Valves                              |         | 24 valves   |                   |                   |
| Max. homologated power (2000/25/CE) | hp/KW   | 220/161   | 240/176           | 260/191           |
| Max. torque                         | Nm      | 950   | 1050              | 1050              |
| Cooling                             |         | Liquid  |                   |                   |
| Engine control                      |         | Electronic  |                   |                   |
| Silencer                            |         | Underhood with exhaust on cab upright                   |                   |                   |
| After treatment system              |         | DOC+ SCR integrated on rear side pillar                 |                   |                   |
| Ad-Blue fuel tank capacity          | l       | 50  |                   |                   |
| Fuel tank capacity                  | l       | 350 (OPT 450)   |                   |                   |
| <b>TRANSMISSION ADVANCED</b>        |         |   |                   |                   |
| Clutch                              |         | WET clutch  |                   |                   |
| Gearstep                            |         | 5   |                   |                   |
| Range                               |         | 2   |                   |                   |
| Creep                               |         | STD   |                   |                   |
| Speed                               | FWD+REV | 60 + 15 (with 4 "IMPLEMENT Powershift" gears underload) |                   |                   |
| Max. speed                          |         | 50 kph (40 kph eco at 1840 rpm)                         |                   |                   |
| Shuttle                             |         | Powershuttle  |                   |                   |
| 4WD                                 |         | Electrohydraulic engagement                             |                   |                   |
| Differential lock                   |         | 100% diff lock with electrohydraulic engagement         |                   |                   |
| <b>Rear P.T.O</b>                   |         |   |                   |                   |
| Clutch                              |         | WET clutch  |                   |                   |
| Speed                               | rpm     | 540 - 540Eco - 1000 - 1000Eco                           |                   |                   |
| Operation                           |         | electrohydraulic  |                   |                   |
| <b>BRAKES AND STEERING</b>          |         |   |                   |                   |
| Braking system                      |         | Wet disks, 4WD engagement                               |                   |                   |
| Trailer braking                     |         | hydraulic braking system<br>pneumatic braking system    |                   |                   |
| Hydrostatic steering                |         | STD   |                   |                   |
| Steering angle                      |         | 55°   |                   |                   |
| Front Axle                          |         | with independent suspensions                            |                   |                   |

|  |       | ARBOS 7220  | ARBOS 7240 | ARBOS 7260 |
|--|-------|---|------------|------------|
| <b>HYDRAULIC LIFT</b>                          |       |   |            |            |
| Rear lift                                      |       | Electronic  |            |            |
| Pump delivery                                  | l/min | 160 l/min load sensing + 40 l/m   |            |            |
| Spool Valves                                   | rear  | 4 electrohydraulic std + Power Beyond   |            |            |
|  | front | 3 mid-mounted electrohydraulic  |            |            |
| Max. lifting capacity at ball hitch            | kg    | 10500   |            |            |
| <b>DRIVING POSITION</b>                        |       |   |            |            |
| Cab features                                   |       | Original sound-proofed, with silent block mounted platform, high visibility roof with rounded glass, up to 8 worklights (4 rear + 4 front) + telescopic rear-view mirrors |            |            |
| Cab conditioning                               |       | Air conditioning  |            |            |
| Instruments                                    |       | TFT 7" digital display  |            |            |
| Driver's seat                                  |       | Pneumatic suspension, safety belt   |            |            |
| <b>DIMENSIONS AND WEIGHTS: with rear tyres</b> |       |   |            |            |
| Weight   | kg    | 8500  |            |            |
| Max. admissible load                           | kg    | 14000   |            |            |
| Wheelbase                                      | mm    | 2950  |            |            |
| Max. tyres                                     |       | 710/60 R42  |            |            |



# 4000 F SERIES

4060 F - 4080 F - 4080 F PRO



ARBOS 4060 F - 4080 F represent the optimum answer to the needs of professional users who work in vineyards and orchards: powerful and easily handled, reliable and able to provide an excellent performance, these tractors are the ideal partners when it comes to working in the often difficult conditions in which specialized crops are cultivated. One of the salient features of these models is their compact size.

## TECHNICAL DATA

### ENGINE

|                     |  |   |
|---------------------|--|---|
| Cylinders / kW / hp |  | FCA 3 Cyl - 35kW / 48HP<br>4 Cyl - 55kW / 75 HP |
| Model               |  | 3 Cyl Tier IIIA / 4 Cyl Tier IIIB Turbo         |
| Intake              |  | Direct injection                                |

### TRANSMISSION

|                   |  |   |
|-------------------|--|---|
| Type              |  | Dual Power 16+8, 8+8 transmission with lateral levers |
| Shuttle           |  | Mechanical Reverse Shuttle                            |
| Differential lock |  | 4WD and Mechanical DIFF-lock                          |

### LIFT AND HYDRAULIC SYSTEM

|                              |       |                |
|------------------------------|-------|----------------|
| Lifting capacity             | kg    | 2300           |
| Pump                         | l/min | 38 open centre |
| Rear mechanical distributors |       | 3              |

### DRIVER AREA

|         |  |               |
|---------|--|---------------|
| Version |  | Semi-platform |
|---------|--|---------------|

### DIMENSIONS AND WEIGHTS

|                 |    |                        |
|-----------------|----|------------------------|
| Wheelbase       | mm | 1690-1831              |
| Weight          | kg | 1900                   |
| Rear tyre       |    | 360/70R20              |
| Width (min-max) | mm | 1364-1748<br>1364-1794 |

- The shortest wheelbase in its category
- Exclusive patented gearbox with “Dual Power” system
- Minimum turning radius
- Maximum stability and wheel grip thanks to optimum weight balance





# 4080 F PRO

- Short wheelbase
- Exclusive patented gearbox with “Dual Power” system
- Comfortable driving: platform on “silent blocks” and “overview” cab with A/C
- Excellent weight/power ratio and balanced weights
- Type-approved for 40 kph



## TECHNICAL DATA

| <b>ENGINE</b>                    |       |   |
|----------------------------------|-------|---|
| Cylinders / kW / hp              |       | FCA 4 Cyl 55kW / 75 HP                                |
| Model                            |       | Tier IIIB Turbo                                       |
| Intake                           |       | Direct injection                                      |
| <b>TRANSMISSION</b>              |       |   |
| Type                             |       | Dual Power 16+8, 8+8 transmission with lateral levers |
| Shuttle                          |       | Mechanical Reverse Shuttle                            |
| Differential lock                |       | 4WD and Mechanical DIFF-lock                          |
| Speed                            | kph   | 40  |
| <b>LIFT AND HYDRAULIC SYSTEM</b> |       |   |
| Lifting capacity                 | kg    | 2300  |
| Pump                             | l/min | 38 open centre  |
| Rear mechanical distributors     |       | 3   |
| <b>DRIVER AREA</b>               |       |   |
| Version                          |       | Full platform/cab suspended on silent-block mounts    |
| <b>DIMENSIONS AND WEIGHTS</b>    |       |   |
| Wheelbase                        | mm    | 1831  |
| Weight                           | kg    | 1900 (platform)                                       |
| Tyres                            |       | 360/70R20   |
| Width (min-max)                  | mm    | 1290-1770   |

4080 F pro: Pro for Professionals, machines designed to fully adapt to all types of vineyards and orchards. Powered by the 4 most compact cylinders of the category, they offer extremely high and global performance, up to 40kph speed to make transfers faster, and the choice between versions with platform or air-conditioned cab .

# 4000 Q SERIES

4090Q - 4100Q - 4110Q



## TECHNICAL DATA

### ENGINE

VM 4 Cylinder Tier IIIB  
4090Q: 59 kW / 80 hp  
4100Q: 67 kW / 91 hp  
4110Q: 75 kW / 102 hp

DPF + EGR

### TRANSMISSION

24+12 4-speed transmission providing 3 gear ranges + mini gear reducer (20%)

Mechanical shuttle

4WD and Electro-hydraulic DIFF-lock

### HYDRAULICS

Lifting capacity 2500 Kg

Electronic power lift (Opt)

Pump capacity 100 l/min (39+61) open centre

up to 3 rear mechanical distributors + 2 electro-hydraulic distributors

up to 3 front electro-hydraulic distributors

### DRIVING POSITION

Platform / cab

### SIZE AND WEIGHT

Wheelbase: 1923 mm

Weight: 2275 kg (Plat)

Tyres: 420/65R20

Width (min-max): 1591-1876 mm

- Maximum lugging power and wheel grip thanks to its low center of gravity
- “Low profile” version with superlowered cab from 180 cm
- Comfortable driving: platform on “silent blocks” with variable viscosity
- More versatile than an equal-wheel tractor, more performance-oriented than a crawler tractor, excellent on the roads
- Perfectly balanced weights



ARBOS 4000 Q tractors, available in high and low version, are in a class of their own and know no rivals on the market. The bodywork with its aggressive and sloping design, the tight turning radius, the big, almost equal-size driving wheels and the powerful engine make the 4000 Q SERIES the perfect machine for working between the rows of orchards and vineyards with low plants, where there's not much room for manoeuvring on heavy soil, sloping and rugged ground. Thanks to the compact bearing structure, which distributes 50% of the weight on the front axle and 50% on the rear one, the center of gravity has been kept low and near to the middle of the machine, while all the traction is fully discharged towards the ground, thus allowing the operator to work in complete safety even with very heavy implements and steeply sloping ground.



- Hydraulic circuit 39+61 litres
- Perfect weight balance
- Maximum versatility: F - manoeuvrable and agile  
AF - sturdy and compact
- Comfortable driving: platform suspended on “silent blocks” and standard cab with A/C

# 4000 F SERIES

4090F - 4100F - 4110F



A ‘small’ tractor for orchards and vineyards with more than 100 hp? ARBOS 4000 F SERIES (Turbo Intercooler, four-wheel drive, with roll-bar suspended on silent-blocks or with cab Overview and air conditioning) has nothing to envy to the bigger tractors. Balanced, compact, bold and tireless, the best ally to work with nothing on your mind: available in 6 versions, in order to find the one tailor-made for you.

## TECHNICAL DATA

### ENGINE

VM 4 Cyl Tier IIIB  
 4090 F: 59 kW / 80 HP  
 4100 F: 67 kW / 91 HP  
 4110 F: 75 kW / 102 HP  
 DPF + EGR

### TRANSMISSION

24+12 4-speed transmission providing 3 gear ranges + mini gear reducer (20%)  
 Mechanical shuttle  
 4WD and Electro-hydraulic DIFF-lock

### HYDRAULICS

Lifting capacity 2500 Kg  
 Electronic power lift (Opt)  
 Pump capacity 100 l/min (39+61) open centre  
 up to 3 rear mechanical distributors  
 up to 3 front electro-hydraulic distributors

### DRIVING POSITION

Platform / Pressurised cab

### SIZE AND WEIGHT

Wheelbase: 1973 mm  
 Weight: 2375 Kg (Plat)  
 Tyres: 360/70R24  
 Width (min-max): 1404-1830 mm

# 4000 AF SERIES

4090AF - 4100AF - 4110AF

## TECHNICAL DATA

### ENGINE

VM 4 Cyl Tier IIIB  
 4090 AF: 59 kW / 80 CV  
 4100 AF: 67 kW / 91 CV  
 4110 AF: 75 kW / 102 CV  
 DPF + EGR

### TRANSMISSION

24+12 4-speed transmission providing 3 gear ranges + mini gear reducer (20%)  
 Mechanical shuttle  
 4WD and Electro-hydraulic DIFF-lock

### HYDRAULICS

Lifting capacity 2500 Kg  
 Electronic power lift (Opt)  
 Pump capacity 100 l/min (39+61) open centre  
 up to 3 rear mechanical distributors  
 up to 3 front electro-hydraulic distributors

### DRIVING POSITION

Platform / Pressurised cab

### SIZE AND WEIGHT

Wheelbase: 1990 mm  
 Weight: 2375 Kg (Plat)  
 Tyres: 360/70R28  
 Width (min-max): 1404-1830 mm



# 4000 E SERIES

4070E - 4080E - 4090E - 4100E

- Range with 3 and 4 cylinders up to 92 hp
- Maximum wheel grip
- 16+16 gearbox with synchronized reverse shuttle
- Weight 2325 Kg



Firmly planted on their 4 drive-wheels, large, short and all equal size, ARBOS 4000 E isodiametric tractors represent the perfect answer to work safely even in the most difficult situations, also thanks to their brand new tapered bodywork and their extremely reduced steering radius.

Now, also available with 4 cylinders up to 92 hp, these machines have never been so powerful and reliable.



## TECHNICAL DATA

### ENGINE

VM 3 cylinder 45 kW / 61 hp - 52 kW / 71 hp

VM 4 cylinder 60 kW / 81 hp - 68 kW / 92 hp

Tier IIIB

DPF + EGR

### TRANSMISSION

16+16

Mechanical shuttle

Electro-hydraulic DIFF-lock

### HYDRAULICS

Lifting capacity 2000 Kg

Pump capacity 55 l/min open centre up to 4 rear mechanical distributors (3+1)

### DRIVING POSITION

Plat

### SIZE AND WEIGHT

Wheelbase: 1550 mm

Weight: 2275-2325 kg

Tyres: 320/70R20

Width (min-max): 1335-1575 mm



# 3000 E SERIES

3020 E AR - 3030 E SW - 3040 E SW  
3050 E SW/AR - 3060 E SW/AR



## TECHNICAL DATA

### THE EVOLUTION OF ISODIAMETRIC TRACTORS

The new ARBOS equal-size wheels tractors present themselves renewed and compliant with the new TMR 2 norm (Tractor Mother Regulation). The combination of a tapered chassis, a reduced steering radius, 4 drive wheels and the powerful 20, 25, 33, 38 or 48 hp direct injection engines, make the ARBOS 3000 E the ideal machines for working between narrow rows in vineyards and low hanging orchards with limited room to manoeuvre. The compact load bearing structure of this model ensures the centre of gravity remains low and close to the centre of the machine, enabling optimal weight distribution for safe operation, even when using very heavy tools.

| 3020 - 3030 - 3040 - 3050 E  | 3060 E   |
|--|--|
| <b>ENGINE</b>  |  |
| 2 Cyl : 3020 15 kW / 20 HP;<br>3 Cyl : 3030 18 kW / 25 HP;<br>3040 24 kW / 33 HP;<br>3050 28 kW / 38 HP      | VM 3 Cyl 35 kW / 48 HP   |
| Tier IIIA<br>Direct injection  |  |
| <b>TRANSMISSION</b>  |  |
| 6+3<br>Mechanical Reverse Shuttle<br>Mechanical DIFF-lock  | 12+4, 16+16<br>Synchronized  |
| <b>HYDRAULIC</b>   |  |
| Lifting capacity 500 -1200 kg<br>Pump output 18.5 -25 l/min, open-centre<br>with rear mechanical distributor | Lifting capacity 1500 kg<br>Pump output 38 l/min, open-centre<br>with up to 2 rear mechanical distributors |
| <b>DRIVING POSITION</b>  |  |
| Plat   |  |
| <b>DIMENSIONS</b>  |  |
| Wheelbase: 1155 mm<br>Weight: 1100 kg<br>Tyre: 8.25R16<br>Width (min-max): 1098-1360 mm                      | Wheelbase: 1370 mm<br>Weight: 1650 kg<br>Tyre: 300/70R20<br>Width (min-max): 1195-1515 mm                  |

# T SERIES

T40 SW/AR - T80 SW/AR

- Four wheels drive with front traction mainly
- Driving comfort: platform on “silent block”
- Four integrated powerful brakes of 290 mm diameter
- Front and rear differential locks hydraulically operated



## TECHNICAL DATA

### ENGINE

3 Cyl. - from 28 kW / 38 HP to 52 kW / 71 HP

Tier IIIA/ Tier IIIB Turbo intercooler (T80)

### TRANSMISSION

8+8

Mechanical Reverse Shuttle

4WD and DIFF-lock

### DRIVER AREA

Integrated semi-platform/platform on silent-block

### SIZE AND WEIGHT

Wheelbase: T 40: 2280 mm

T 80: 2580 mm

Weight: T 40: 1930 Kg

T 80: 1970 Kg

Tyre: 10.0/75-15.3

ARBOS T range has been designed to meet the specific needs of operators who work in mountainous areas and require a machine that's particularly suitable for materials handling. With 38 to 71 hp, air or water cooled engines to choose from, steering wheels or articulated versions, two homologated versions available such as agricultural tractor or as utility vehicle.

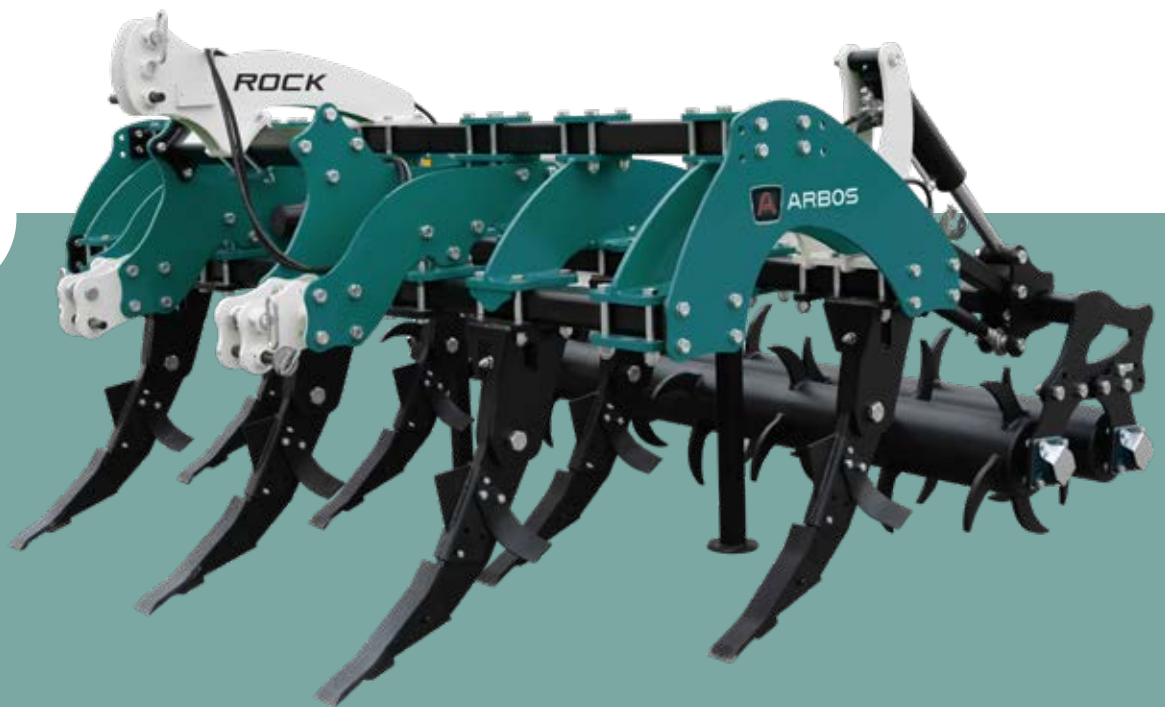
# SUBSOILERS

The ARBOS ripper of the ROCK 300 series has been designed and constructed to meet all user needs on particularly firm terrain and where crop residue is present. The high-resistant steel used and the particular structure with bolted joints make the ROCK 300 ripper suitable for heavy-duty working conditions. Each anchor is equipped with a bolted safety device duly sized and a quick-release tip. It can also be equipped with deflectors to break up the terrain better.

The row spacing between the anchors can be easily modified to adapt to the needs of the most demanding operator.

The ROCK 300 ripper can also be used in the version without wheels.

The rear rollers are equipped with parallelogram hydraulic movement which ensures quick and accurate adjustment of the working depth.



## OPTIONAL



**Standard Anchor**



**Blast Anchor**



**Wings Anchor**



**Support wheels**



**Manual strip**



**Hydraulic strip**



**Double roller  
2 x Ø 220 mm**



**Double roller  
Ø 360 + Ø 220 mm**



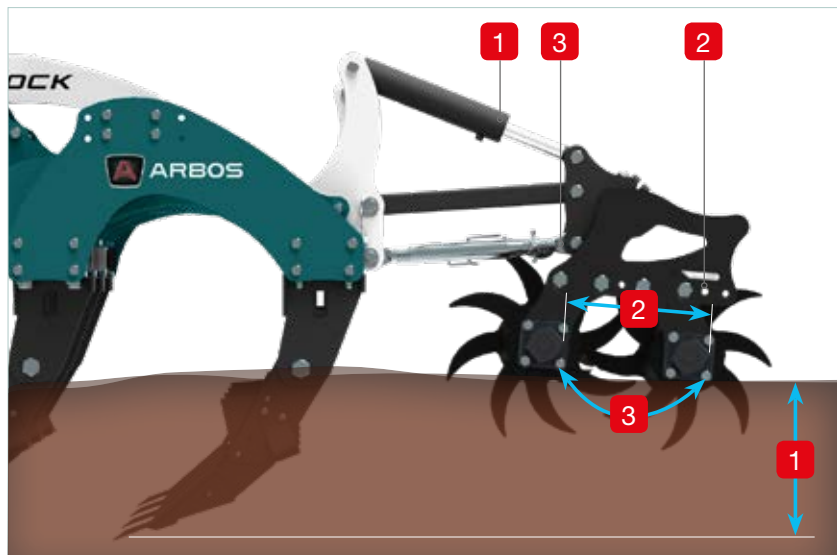


### Counter-rotating spike rollers

The particular architecture of the roller frame allows the operator to modify the centreline between the roller.

This important technical solution allows the machine to be customised so that it adapts perfectly to all conditions of the terrain.

1. Hydraulic adjustment of the working depth
2. Mechanical adjustment of the roller distance
3. Mechanical adjustment of the roller alignment



**Joints**

Joints using a locking system with high-resistant bolts.

**Rippers**

The anchors are equipped with a bolted safety device.

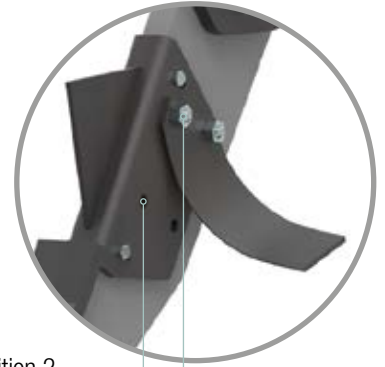
**Long Life Tips**

The tips are in anti-wear steel and can be easily replaced thanks to a quick-fit disassembly system.



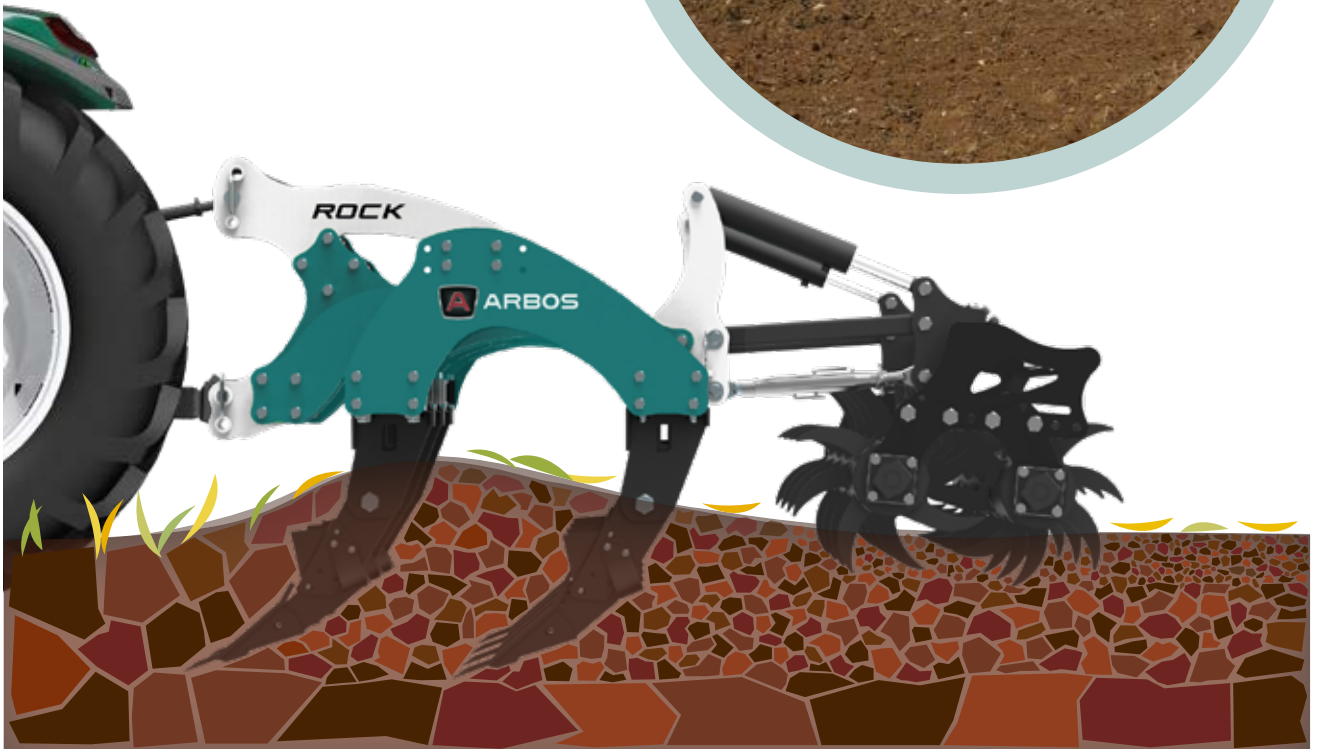
**Deflectors**

The steel deflectors with anti-wear treatment can be adjusted and set to one of two positions to adapt to all types of terrain.



Position 2

Position 1



**Rippers**

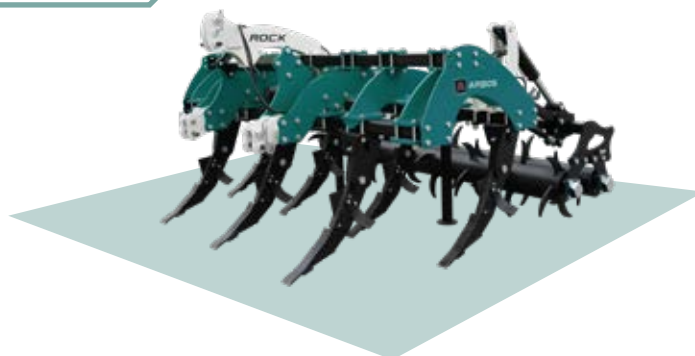
Even in working conditions where there is a significant amount of crop residue in particularly firm terrain, the anchors do not compromise the excellent performance of the ROCK 300 ripper. In fact, thanks to their considerable height from the ground and the distance between the anchor rows, duly sized, perfect mixing of the soil is guaranteed along with the free flow of the terrain inside the ripper without causing any obstructions even when working at maximum depth.

## ROCK M2 Subsoiler

The characteristics of the steel used and the particular structure with bolted joints make the ROCK 300 ripper suitable for heavy-duty, intense working conditions.

Each anchor is equipped with a bolted safety device and with a quick-release tip. It can also be equipped with breakers.

The height of the ROCK M2 ripper frame from the ground is 78 cm.



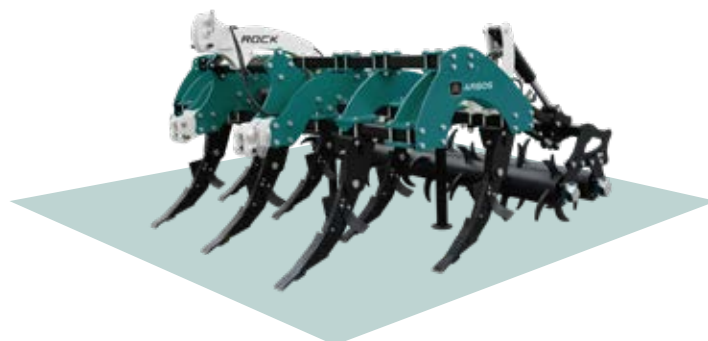
| MODEL                | N° OF RIPPERS | WORKING DEPTH | TOOL BAR | RIPPER ROWS DISTANCE | WEIGHT |        | POWER REQUIRED |     |
|----------------------|---------------|---------------|----------|----------------------|--------|--------|----------------|-----|
|                      |               |               |          |                      | BASE   | ROLLER | BASE           | MAX |
|                      |               | (cm)          | (cm)     | (cm)                 | (kg)   |        | (hp)           |     |
| <b>ROCK M2 250/5</b> | 5             | 55            | 250      | 80                   | 940    | 1390   | 130-170        | 200 |
| <b>ROCK M2 250/7</b> | 7             | 55            | 250      | 80                   | 1150   | 1600   | 150-220        | 250 |
| <b>ROCK M2 300/5</b> | 5             | 55            | 300      | 80                   | 980    | 1480   | 130-170        | 200 |
| <b>ROCK M2 300/7</b> | 7             | 55            | 300      | 80                   | 1170   | 1670   | 150-220        | 250 |

## ROCK M3 Subsoiler

The characteristics of the steel used and the particular structure with bolted joints make the ROCK 300 ripper suitable for heavy-duty, intense working conditions.

Each anchor is equipped with a bolted safety device and with a quick-release tip. It can also be equipped with breakers.

The height of the ROCK M3 ripper frame from the ground is 92 cm.



| MODEL                | N° OF RIPPERS | WORKING DEPTH | TOOL BAR | RIPPER ROWS DISTANCE | WEIGHT |        | POWER REQUIRED |     |
|----------------------|---------------|---------------|----------|----------------------|--------|--------|----------------|-----|
|                      |               |               |          |                      | BASE   | ROLLER | BASE           | MAX |
|                      |               | (cm)          | (cm)     | (cm)                 | (kg)   |        | (hp)           |     |
| <b>ROCK M3 250/5</b> | 5             | 65            | 250      | 87                   | 1400   | 2040   | 150-250        | 280 |
| <b>ROCK M3 300/5</b> | 5             | 65            | 300      | 87                   | 1440   | 2140   | 150-250        | 280 |
| <b>ROCK M3 300/7</b> | 7             | 65            | 300      | 87                   | 1700   | 2400   | 200-370        | 400 |
| <b>ROCK M3 400/7</b> | 7             | 65            | 390      | 87                   | 1740   | 2540   | 200-370        | 400 |
| <b>ROCK M3 400/9</b> | 9             | 65            | 390      | 87                   | 2100   | 2900   | 250-400        | 420 |

# VACUUM PRECISION PLANTERS

## Microvolumex

Tank for microgranular products of 25 L plastic.



## Row markers

Disc or tine row markers. Double row markers for machines with variable row spacing or single row marker for fixed tool bars.

## Planting unit

MagicSem 8000 planting unit with double disc coulter.



### **MagicSem**

MagicSem vacuum metering unit:

- No wrench needed when changing the seeding disc
- Elimination of constant friction on the seals
- Geometric stability as temperature changes



### **Easy-Set system**

By changing the row spacers, in just a few moments you'll have different configurations, providing the best flexibility to the final user. Only one planter for all agronomic needs of cultivations.

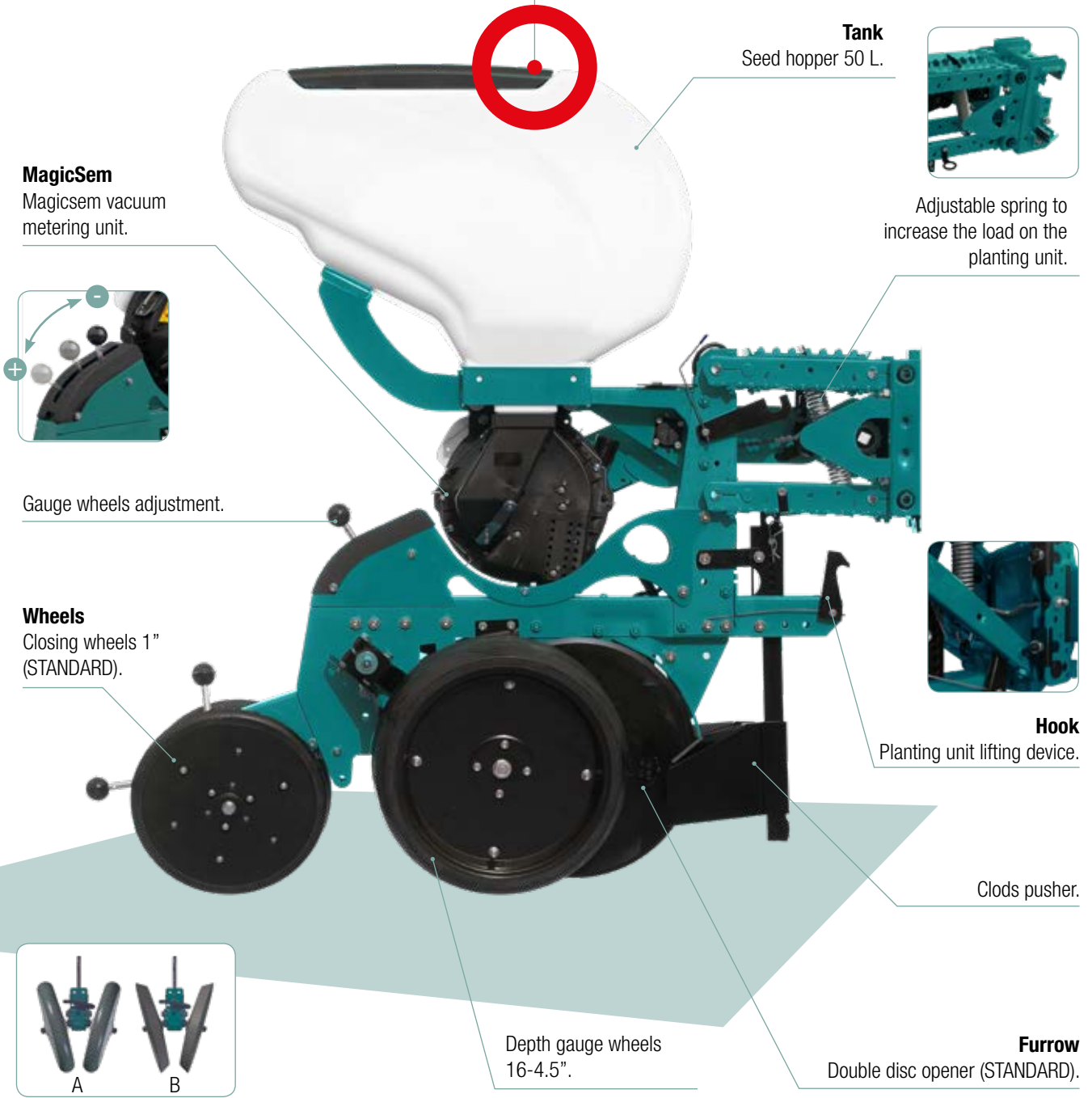
# ● Planting unit 8000-RS

## Main Features

Suitable for planting either on a prepared soil or on a minimum tillage condition, 8000-RS unit permits to maintain the preset seeding depth.

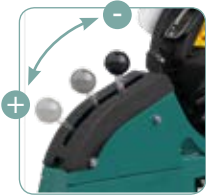
Characterized by a double disc opener with a diameter of 390 mm, it can work with crop residues on soil. Seeding depth control is obtained by two rubber wheels positioned close to the seed drop-off point. The articulated parallelogram guarantees a wide range of action of the planting unit.

The rear furrow-covering rubber wheels can be adjusted in several ways to optimize results.



### MagicSem

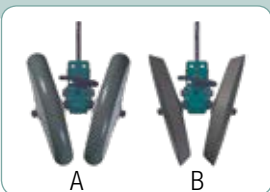
Magicsem vacuum metering unit.



Gauge wheels adjustment.

### Wheels

Closing wheels 1" (STANDARD).



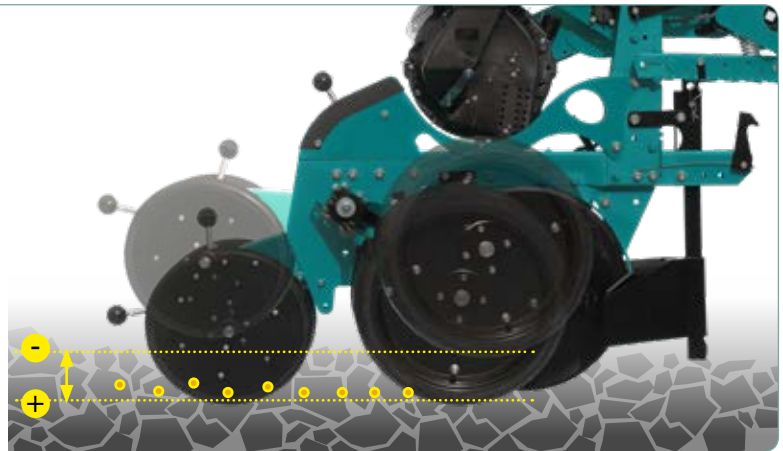
### Optional

V-closing 2" wheels with adjustable rolling angle.  
"V" shaped closing wheels for heavy soil.



**Depth gauge wheels**

The side wheels on the planting unit move up and down to keep a constant seeding depth. The depth can be adjusted using a handle mounted near the wheels.



**Closing wheels**

Closing wheels pressure adjustment.



Adjustment of wheels angle.



Adjustment of spacing between closing wheels.



Ripper for direct seeding on light soil.



Row cleaner "trash wheel".



Front waved kit.



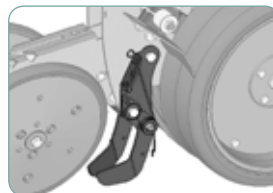
TURBO disc opener with fitting.



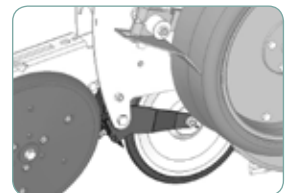
Extra spring-loading kit for planting unit.



Kit press wheel.



In-between seed coverer compatible with seed press wheel.



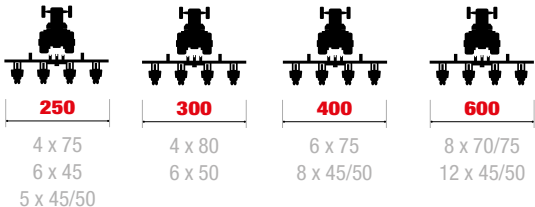
Stainless steel or rubber seed press wheel.

**Options**

ARBOS configures its planters according to customer specific needs to the wide range of accessories available.

# MS 8100 Rigid tool bar

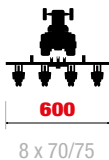
This planter is characterized for its simple structure and does not require specific adjustments. Planters are very compact because planting units are directly mounted on the tool bar and have a low overhanging weight.



| N° OF ROWS | ROW SPACING | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |       |         |
|------------|-------------|----------|--------|--------|----------------|----------|-------|---------|
|            |             |          | BASE   | FERTIL |                | SEED     | MICRO | FERTIL  |
|            | (cm)        | (cm)     | (kg)   |        | (hp)           | (L)      |       |         |
| <b>4</b>   | 75          | 250      | 580    | 720    | 40-60          | 200      | 50    | 2 x 170 |
| <b>6</b>   | 45          | 250      | 760    | 920    | 50-70          | 300      | 75    | 2 x 170 |
| <b>6</b>   | 75          | 400      | 790    | 950    | 60-80          | 300      | 75    | 2 x 215 |
| <b>8</b>   | 45          | 350      | 935    | 1035   | 70-90          | 400      | 100   | 2 x 215 |
| <b>8</b>   | 75          | 600      | 1050   | 1270   | 80-100         | 400      | 100   | 4 x 215 |
| <b>12</b>  | 45          | 600      | 1370   | 1690   | 90-110         | 600      | 150   | 4 x 215 |

# MS 8100 PT Double rigid tool bar - Pull Type

MS-8100 precision planter, semi-trailed version with cat. II 3-point hitch. The planting units are directly mounted on the main rigid tool bar. The drive wheels are also used for road transport. The towed seed drill solution, allows the use of low power tractors, the lifting weight is only 1/3 of the total weight of the machine.



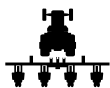
| N° OF ROWS | ROW SPACING | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |       |         |
|------------|-------------|----------|--------|--------|----------------|----------|-------|---------|
|            |             |          | BASE   | FERTIL |                | SEED     | MICRO | FERTIL  |
|            | (cm)        | (cm)     | (kg)   |        | (hp)           | (L)      |       |         |
| <b>8</b>   | 70/75       | 600      | 1840   | 2060   | 100-120        | 400      | 100   | 2 x 700 |



# MS 8100 SUPER-L Triple rigid tool bar

This planter was made to satisfy the requests of big farms. The triple rigid tool bar guarantees robustness.

This version is suitable for prepared or half-prepared soils, with a maximum working width of 12 m. The integrated transport device allows it to be easily moved without difficulty, with a transport width of 3,40 m.



1200

16 x 70/75  
24 x 45

| N° OF ROWS | ROW SPACING | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |       |         |
|------------|-------------|----------|--------|--------|----------------|----------|-------|---------|
|            |             |          | BASE   | FERTIL |                | SEED     | MICRO | FERTIL  |
|            | (cm)        | (cm)     | (kg)   |        | (hp)           | (L)      |       |         |
| 16         | 75          | 1200     | 3580   | 4020   | 200-250        | 800      | -     | 4 x 600 |
| 24         | 45          | 1200     | 4310   | 4860   | 230-250        | 1200     | -     | 4 x 600 |

# MS 8130 Telescopic tool bar

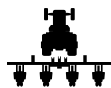
This vacuum precision planter with a hydraulic telescopic tool bar permits the user to change directly from working position to transport position.

The planter is very compact and has a low overhanging weight. The MS 8130 was made to cover the needs of contractors and medium to large farms.



300

6 x 70/75



320

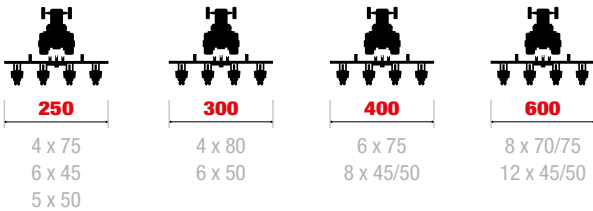
6 x 80

| N° OF ROWS | ROW SPACING | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |       |         |
|------------|-------------|----------|--------|--------|----------------|----------|-------|---------|
|            |             |          | BASE   | FERTIL |                | SEED     | MICRO | FERTIL  |
|            | (cm)        | (cm)     | (kg)   |        | (hp)           | (L)      |       |         |
| 6          | 70-75       | 300      | 950    | 1170   | 80-100         | 300      | 75    | 2 x 215 |
| 6          | 80          | 320      | 980    | 1200   | 80-100         | 300      | 75    | 2 x 215 |

# MS 8200 Rigid Easy-Set tool bar

This planter is made to change the row distance quickly and easily. The EASY-SET System, directly assembled on the main tool bar, allows to move the planting units simply by sliding them on the guide to the needed row distance (minimum 37 cm), without using tools.

There will be a positioning lever supplied with the planter to do such movements.

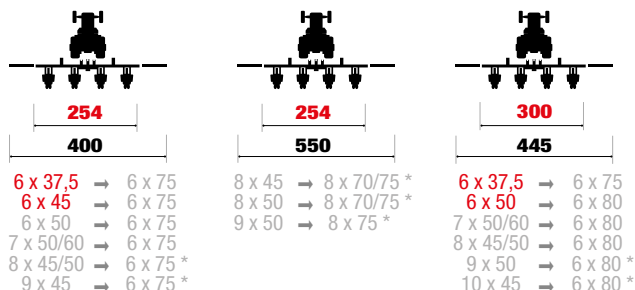


| N° OF ROWS | ROW SPACING | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |       |         |
|------------|-------------|----------|--------|--------|----------------|----------|-------|---------|
|            |             |          | BASE   | FERTIL |                | SEED     | MICRO | FERTIL  |
|            | (cm)        | (cm)     | (kg)   |        | (hp)           | (L)      |       |         |
| <b>4</b>   | 75          | 250      | 660    | 850    | 40-60          | 200      | 50    | 2 X 170 |
| <b>5</b>   | 5 X 45      | 250      | 740    | 910    | 40-60          | 200      | 63    | 2 X 170 |
| <b>6</b>   | 6 X 45      | 250      | 810    | 970    | 50-70          | 300      | 75    | 2 X 170 |
| <b>6</b>   | 75          | 400      | 850    | 1010   | 60-80          | 300      | 75    | 2 X 215 |
| <b>8</b>   | 45          | 400      | 1030   | 1230   | 70-90          | 400      | 100   | 2 X 215 |
| <b>8</b>   | 70/75       | 600      | 1270   | 1470   | 80-100         | 400      | 100   | 4 X 215 |
| <b>12</b>  | 45          | 600      | 1630   | 1950   | 90-110         | 600      | 150   | 4 X 215 |



## MS 8230 Hydraulic folding Easy-Set tool bar

The MS 8230 planter is extremely versatile, allowing to reduce transport widths even for planters with a working width of 6 m, thanks to the Hydraulic EASY-SET System and folding tool bar. This system together with interchangeable distance rods allows users to easily change the distance of the rows with little effort.

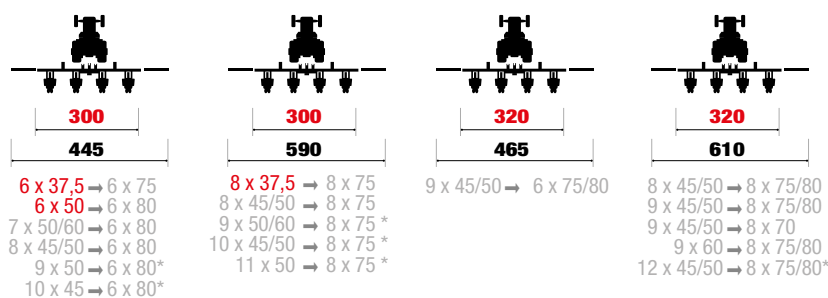


\* only with narrow gauge wheels - mis. 16" x 2,5"

| N° OF ROWS | ROW SPACING | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |       |         |
|------------|-------------|----------|--------|--------|----------------|----------|-------|---------|
|            |             |          | BASE   | FERTIL |                | SEED     | MICRO | FERTIL  |
|            | (cm)        | (cm)     | (kg)   |        | (hp)           | (L)      |       |         |
| 6          | 6x45 → 6x75 | 254/400  | 1040   | 1200   | 80-100         | 300      | 75    | 2 x 170 |
| 6          | 6x45 → 6x80 | 300/445  | 1100   | 1260   | 80-100         | 300      | 75    | 2 x 215 |
| 7          | 7x50 → 6x75 | 254/400  | 1140   | 1320   | 80-100         | 350      | 88    | 2 x 170 |
| 7          | 7x50 → 6x80 | 300/445  | 1190   | 1370   | 80-100         | 350      | 88    | 2 x 215 |
| 9          | 9x50 → 8x75 | 254/550  | 1350   | 1650   | 80-100         | 450      | 113   | 2 x 170 |

## MS 8230 Hydraulic folding Easy-Set tool bar (8-12F)

The MS 8230 planter is extremely versatile, allowing to reduce transport widths even for planters with a working width of 6 m, thanks to the Hydraulic EASY-SET System and folding tool bar. This system together with interchangeable distance rods allows users to easily change the distance of the rows with little effort.

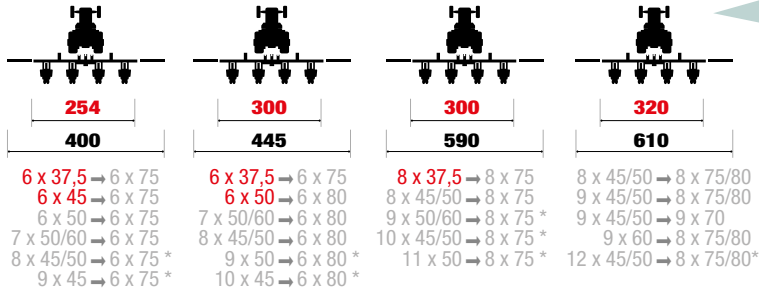


\* only with narrow gauge wheels - mis. 16" x 2,5"

| N° OF ROWS | ROW SPACING  | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |       |         |
|------------|--------------|----------|--------|--------|----------------|----------|-------|---------|
|            |              |          | BASE   | FERTIL |                | SEED     | MICRO | FERTIL  |
|            | (cm)         | (cm)     | (kg)   |        | (hp)           | (L)      |       |         |
| 8          | 8x45 → 6x75  | 300/445  | 1280   | 1570   | 80-100         | 400      | 100   | 2 X 215 |
| 8          | 8x45 → 8x75  | 300/590  | 1330   | 1650   | 80-100         | 400      | 100   | 2 X 215 |
| 8          | 8x45 → 8x75  | 300/590  | 1370   | 1690   | 80-100         | 400      | 100   | 2 X 215 |
| 9          | 9x45 → 6x80  | 320/465  | 1370   | -      | 80-100         | 450      | 113   | -       |
| 8          | 8x45 → 8x80  | 320/610  | 1340   | 1670   | 80-100         | 400      | 100   | 2 X 215 |
| 8          | 8x45 → 8x80  | 320/610  | 1380   | 1710   | 80-100         | 400      | 100   | 2 X 215 |
| 9          | 9x45 → 8x80  | 320/610  | 1430   | -      | 80-100         | 450      | 113   | -       |
| 12         | 12x45 → 8x80 | 320/610  | 1700   | -      | 90-110         | 600      | 150   | -       |

# MS 8230 MIDI Double hydraulic folding Easy-Set tool bar

The MIDI acronym represents a precision planter which adds to all the features of the MS 8230 described above, a fertilizer tank with a capacity of over 1000 L and centralized control of the amounts distributed, a pneumatic transport system over all rows capable of working with any inter-row distance.



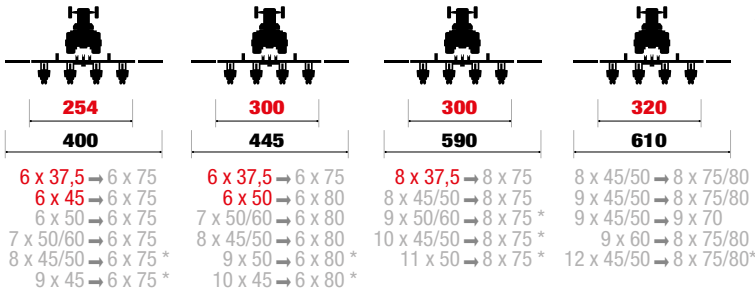
\* only with narrow gauge wheels - mis. 16" x 2,5"

| N° OF ROWS | ROW SPACING (cm) | TOOL BAR (cm) | WEIGHT (kg) |        | POWER REQUIRED (hp) | CAPACITY (L) |       |          |
|------------|------------------|---------------|-------------|--------|---------------------|--------------|-------|----------|
|            |                  |               | BASE        | FERTIL |                     | SEED         | MICRO | FERTIL   |
| 6          | 45-75            | 254/400       | 1570        | 1600   | 90                  | 300          | 75    | 1 X 800  |
| 7          | 50-75            | 254/400       | 1690        | 1770   | 100                 | 350          | 88    | 1 X 800  |
| 7          | 50-80            | 300/445       | 1710        | 1790   | 100                 | 350          | 88    | 1 X 1000 |
| 8          | 45-75            | 300/590       | 1850        | 1930   | 100                 | 400          | 100   | 1 X 1000 |
| 8          | 45-75            | 300/590       | 1890        | 1970   | 100                 | 400          | 100   | 1 X 1000 |
| 8          | 45-80            | 320/610       | 1860        | 1940   | 100                 | 400          | 100   | 1 X 1000 |
| 8          | 45-80            | 320/610       | 1900        | 1980   | 100                 | 400          | 100   | 1 X 1000 |
| 9          | 45-80            | 320/610       | 1970        | 2090   | 110                 | 450          | 113   | 1 X 1000 |
| 12         | 45-80            | 320/610       | 2220        | 2440   | 120                 | 600          | 150   | 1 X 1000 |



# MS 8230 PRO **Double hydraulic folding Easy-Set tool bar**

The PRO vacuum precision planter brings together all the features of the MS 8230 described above, with the addition of a fertilizer tank of over 1200 L suitable for auger loading, centralized control of the amounts distributed, a pneumatic transport system over all rows capable of working with any inter-row distance.



\* only with narrow gauge wheels - mis. 16" x 2,5"

| N° OF ROWS | ROW SPACING (cm) | TOOL BAR (cm) | WEIGHT (kg) |        | POWER REQUIRED (hp) | CAPACITY (L) |       |          |
|------------|------------------|---------------|-------------|--------|---------------------|--------------|-------|----------|
|            |                  |               | BASE        | FERTIL |                     | SEED         | MICRO | FERTIL   |
| 6          | 45-75            | 254/400       | 1600        | 1630   | 100                 | 300          | 75    | 1 X 1000 |
| 7          | 50-75            | 254/400       | 1720        | 1800   | 110                 | 350          | 88    | 1 X 1000 |
| 7          | 50-80            | 300/445       | 1740        | 1820   | 110                 | 350          | 88    | 1 X 1200 |
| 8          | 45-75            | 300/590       | 1880        | 1960   | 110                 | 400          | 100   | 1 X 1200 |
| 8          | 45-75            | 300/590       | 1920        | 2000   | 110                 | 400          | 100   | 1 X 1200 |
| 8          | 45-80            | 320/610       | 1890        | 1970   | 110                 | 400          | 100   | 1 X 1200 |
| 8          | 45-80            | 320/610       | 1930        | 2010   | 110                 | 400          | 100   | 1 X 1200 |
| 9          | 45-80            | 320/610       | 2000        | 2120   | 120                 | 450          | 113   | 1 X 1200 |
| 12         | 45-80            | 320/610       | 2250        | 2470   | 130                 | 600          | 150   | 1 X 1200 |

# TWIN ROW PRECISION PLANTERS



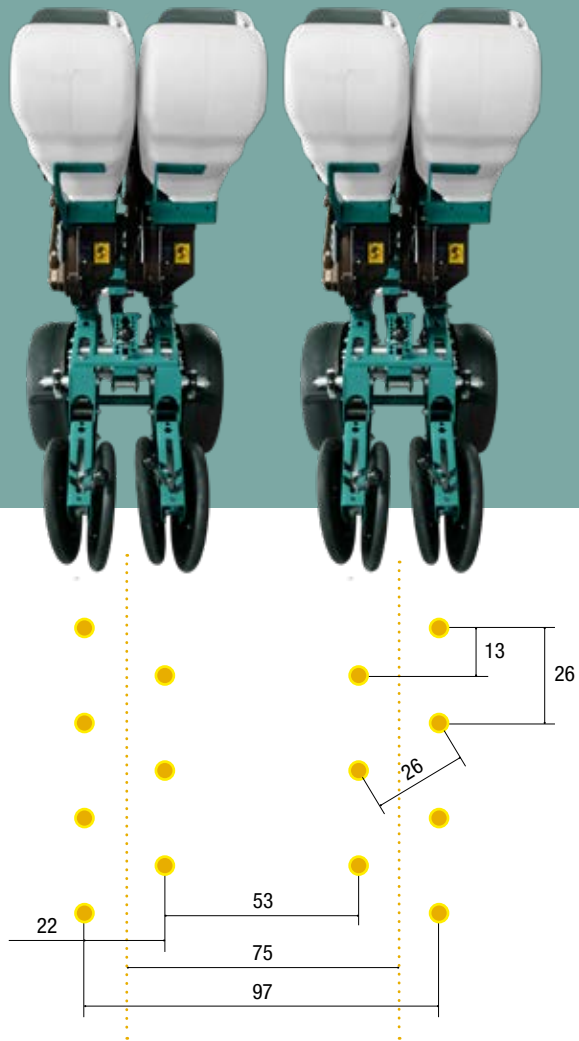
## **MS TWIN**

Increasing production using the same surface area is now possible thanks to ARBOS' innovative twin row planter.

By changing the sowing density and the genetics of the plant through the quincunx or "zig-zag" sowing, the productive yield per hectare is increased without having to change the equipment already in the company (such as cultivators and collection bars), since the row spacing is the same as the one for maize (70-75cm).

## **Planting Unit**

MS TWIN is the twin row precision planting unit of the MS 8000 range, with double disc coulters, allowing the twin rows to sow using the quincunx technique. The ARBOS MS TWIN unit allows a sowing distance of 22 cm between the twin rows.



**Advantages**

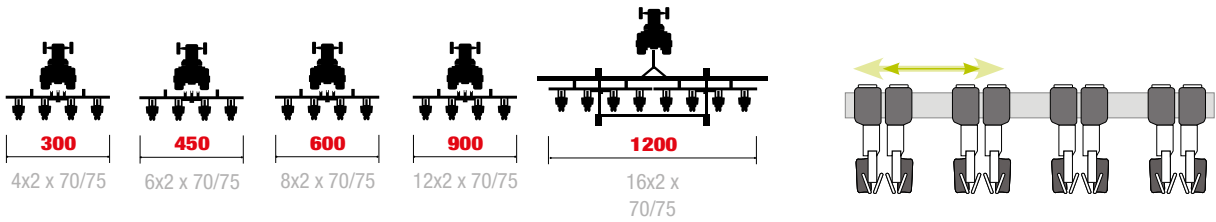
- The mounted units are aligned and not offset.
- No obstruction between the narrow gauge wheels.
- Little distance between the tool bar and the planting unit with subsequent lighter load on the lifter.
- Synchrony of the twin rows kept constant as the sowing distance varies.
- Possibility of excluding rows from sowing.

Investment 105,000 seeds/ha

# MS TWIN Rigid tool bar Hydraulic vertical folding tool bar

MS TWIN is the twin row precision planting unit of the MS 8000 range, with double disc coulters, allowing the twin rows to sow using the quincunx technique.

The ARBOS MS TWIN unit allows a sowing distance of 22 cm between the twin rows. Also available with Easy-Set frame.



available with Easy-Set tool bar from 53 cm to more than 70/75 cm

| N° OF ROWS      | ROW SPACING (cm) | TOOL BAR (cm) | WEIGHT (kg) |        | POWER REQUIRED (Hp) | CAPACITY (L) |       |        |
|-----------------|------------------|---------------|-------------|--------|---------------------|--------------|-------|--------|
|                 |                  |               | BASE        | FERTIL |                     | SEED         | MICRO | FERTIL |
| <b>4x2</b>      | 53/70/75         | 300           | 1270        | 1450   | 100-110             | 400          | 100   | 2x215  |
| <b>6x2</b>      | 53/70/75         | 450           | 1480        | 1760   | 110-120             | 600          | 150   | 2x215  |
| <b>8x2</b>      | 53/70/75         | 600           | 1870        | 2250   | 130-140             | 800          | 200   | 2x700  |
| <b>12x2-S</b>   | 53/70/75         | 900           | 3100        | 3650   | 140-150             | 1200         | 300   | 2x900  |
| <b>16X2-3XL</b> | 53/70/75         | 1200          | 9000        | 10000  | 200-250             | 1120         | -     | 4x900  |

75 cm (30") rows  
75.000 seed/ha

75 cm (30") rows  
90.000 seed/ha

75 cm (30") rows  
95.000 seed/ha

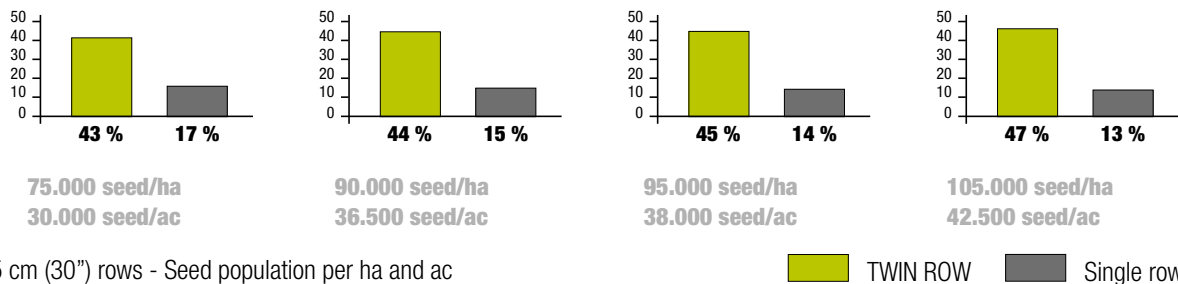
75 cm (30") rows  
105.000 seed/ha

■ The root system has much room to grow and reaches more soil area useful for the nutrient supply.

■ The roots find little growing space and the close plants competition decreases the amount of nutrients and moisture they can feed from.



The table highlights the rooting area available in each row system



### Your equipment remains the same

It is not necessary to adapt or change any equipment, ARBOS TWIN ROW planting unit, is done at 70 or 75 cm row spacing as for traditional crops.



ROW CROP CULTIVATOR



ROW CROP FERTILIZER



CROP BOOM SPRAYER



SELF-PROPELLED SPRAYERS



FORAGE HARVESTER



COMBINE HARVESTER

### Suitable to plant many different crops

The ARBOS TWIN row planting sprouted for planting maize for seeding, soybeans, sunflowers, sorghum, oil seed rape, peanuts, rapeseed, cotton and also vegetables seed.



MAIZE



SOYBEANS



SUNFLOWERS



SORGHUM



OIL SEED RAPE



PEANUTS

# SEED DRILL

## Seed drills

In addition to the precision planters, ARBOS produces a wide range of drill machines for cereals, forage and rape on worked or semi-worked soil.



## MEK

The MEK range offers mechanical drill machines for cereals, suitable for prepared soil. It's available with a working width from 2,5 m to 4 m.



### **MEK-X**

The mechanical drill machines for cereals of MEK-X range are compact and maneuverable. This machine is suitable for lightly worked soil.



### **MSD 2.0 ELEKTRO**

These machines are pneumatic drill machines for cereals with electric dosage and automatic calibration. The sowing dose can be varied while working.

## MEK Mechanical drillmachine for cereals

Mechanical drill machine for cereals, rapeseed, soy, lucerne and other forage in rows on prepared soil.

This is a compact drill machine with single disc unit, and has a working width from 2,5 m to 4 m.



| MODEL          | N° OF ROWS | ROW SPACING MAX | TOOL BAR | WEIGHT | POWER REQUIRED | CAPACITY |  |
|----------------|------------|-----------------|----------|--------|----------------|----------|--|
|                |            |                 |          |        |                | SEED     |  |
|                |            | (cm)            | (cm)     | (kg)   | (hp)           | (L)      |  |
| <b>MEK 250</b> | 17         | 14.7            | 250      | 540    | 50             | 420      |  |
| <b>MEK 250</b> | 19         | 13.2            | 250      | 550    | 50             | 420      |  |
| <b>MEK 250</b> | 21         | 12.0            | 250      | 560    | 70             | 420      |  |
| <b>MEK 300</b> | 19         | 15.8            | 300      | 625    | 50             | 500      |  |
| <b>MEK 300</b> | 21         | 14.3            | 300      | 640    | 70             | 500      |  |
| <b>MEK 300</b> | 23         | 13.0            | 300      | 655    | 70             | 500      |  |
| <b>MEK 300</b> | 25         | 12.0            | 300      | 670    | 70             | 500      |  |
| <b>MEK 350</b> | 25         | 14.0            | 350      | 740    | 70             | 585      |  |
| <b>MEK 350</b> | 27         | 13.0            | 350      | 755    | 90             | 585      |  |
| <b>MEK 350</b> | 29         | 12.0            | 350      | 770    | 90             | 585      |  |
| <b>MEK 400</b> | 29         | 13.8            | 400      | 840    | 90             | 670      |  |
| <b>MEK 400</b> | 31         | 12.9            | 400      | 855    | 100            | 670      |  |
| <b>MEK 400</b> | 33         | 12.0            | 400      | 870    | 100            | 670      |  |

## MEK-F Mechanical drillmachine for cereals

Mechanical drill machine for cereals, rapeseed, soy, lucerne and other forage in rows on prepared soil.

This is a compact drill machine with single disc unit and fertilizer, and has a working width from 2,5 m to 4 m.



| MODEL            | N° OF ROWS | ROW SPACING MAX | TOOL BAR | WEIGHT | POWER REQUIRED | CAPACITY |        |
|------------------|------------|-----------------|----------|--------|----------------|----------|--------|
|                  |            |                 |          |        |                | SEED     | FERTIL |
|                  |            | (cm)            | (cm)     | (kg)   | (hp)           | (L)      |        |
| <b>MEK-F 250</b> | 17         | 14.7            | 250      | 590    | 50             | 283      | 137    |
| <b>MEK-F 250</b> | 19         | 13.2            | 250      | 600    | 50             | 285      | 137    |
| <b>MEK-F 250</b> | 21         | 12.0            | 250      | 610    | 70             | 283      | 137    |
| <b>MEK-F 300</b> | 19         | 15.8            | 300      | 675    | 50             | 330      | 170    |
| <b>MEK-F 300</b> | 21         | 14.3            | 300      | 690    | 70             | 330      | 170    |
| <b>MEK-F 300</b> | 23         | 13.0            | 300      | 705    | 70             | 330      | 170    |
| <b>MEK-F 300</b> | 25         | 12.0            | 300      | 720    | 90             | 330      | 170    |
| <b>MEK-F 350</b> | 25         | 14.0            | 350      | 800    | 90             | 380      | 205    |
| <b>MEK-F 350</b> | 27         | 13.0            | 350      | 815    | 90             | 380      | 205    |
| <b>MEK-F 350</b> | 29         | 12.0            | 350      | 830    | 100            | 380      | 205    |
| <b>MEK-F 400</b> | 29         | 13.8            | 400      | 890    | 100            | 450      | 220    |
| <b>MEK-F 400</b> | 31         | 12.9            | 400      | 905    | 100            | 450      | 220    |
| <b>MEK-F 400</b> | 33         | 12.0            | 400      | 920    | 100            | 450      | 220    |

## MEK-X Mechanical drillmachine for cereals

Mechanical drill machine for cereals, rapeseed, soy, lucerne and other forage in rows on lightly worked soil.

This is a compact drill machine with spring coulter, and has a working width of 3 m.



| MODEL            | N° OF ROWS | ROW SPACING MAX | TOOL BAR | WEIGHT | POWER REQUIRED | CAPACITY |  |
|------------------|------------|-----------------|----------|--------|----------------|----------|--|
|                  |            |                 |          |        |                | SEED     |  |
|                  |            | (cm)            | (cm)     | (kg)   | (hp)           | (L)      |  |
| <b>MEK-X 300</b> | 20         | 14.9            | 300      | 890    | 50             | 705      |  |
| <b>MEK-X 300</b> | 21         | 14.2            | 300      | 898    | 70             | 705      |  |
| <b>MEK-X 300</b> | 23         | 12.9            | 300      | 912    | 70             | 705      |  |
| <b>MEK-X 300</b> | 25         | 11.8            | 300      | 926    | 90             | 705      |  |

## MEK-XF Mechanical drillmachine for cereals

Mechanical drill machine for cereals, rapeseed, soy, lucerne and other forage in rows on lightly worked soil.

This is a compact drill machine with spring coulter and fertilizer, and has a working width of 3 m.

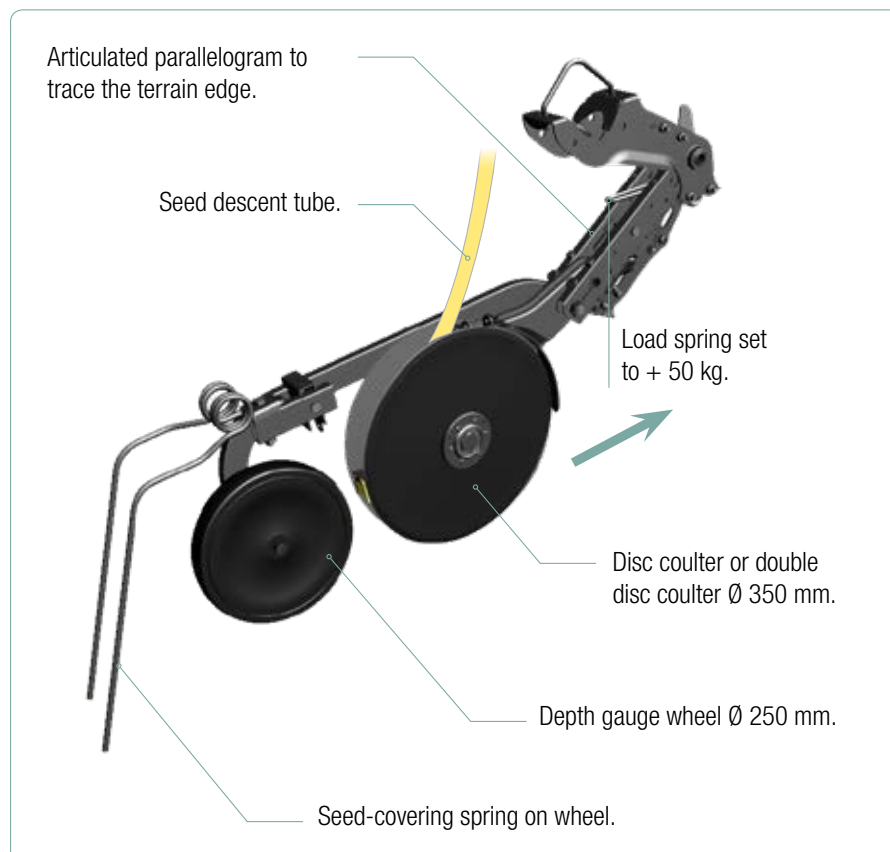


| MODEL             | N° OF ROWS | ROW SPACING MAX | TOOL BAR | WEIGHT | POWER REQUIRED | CAPACITY |        |
|-------------------|------------|-----------------|----------|--------|----------------|----------|--------|
|                   |            |                 |          |        |                | SEED     | FERTIL |
|                   |            | (cm)            | (cm)     | (kg)   | (hp)           | (L)      |        |
| <b>MEK-XF 300</b> | 20         | 14.9            | 300      | 920    | 50             | 390      | 315    |
| <b>MEK-XF 300</b> | 21         | 14.2            | 300      | 928    | 70             | 390      | 315    |
| <b>MEK-XF 300</b> | 23         | 12.9            | 300      | 942    | 70             | 390      | 315    |
| <b>MEK-XF 300</b> | 25         | 11.8            | 300      | 956    | 90             | 390      | 315    |

# PNEUMATIC DRILLMACHINE FOR CEREALS



## Double disc unit with depth gauge wheel



## Available planting units



Single disc unit and anti-clogging device.



Single disc unit and depth gauge wheel.



Double disc unit and depth gauge wheel.

## ● MAGIC DRILL



Single sprocket  
for very small seeds.

Sprockets for large  
seeds.

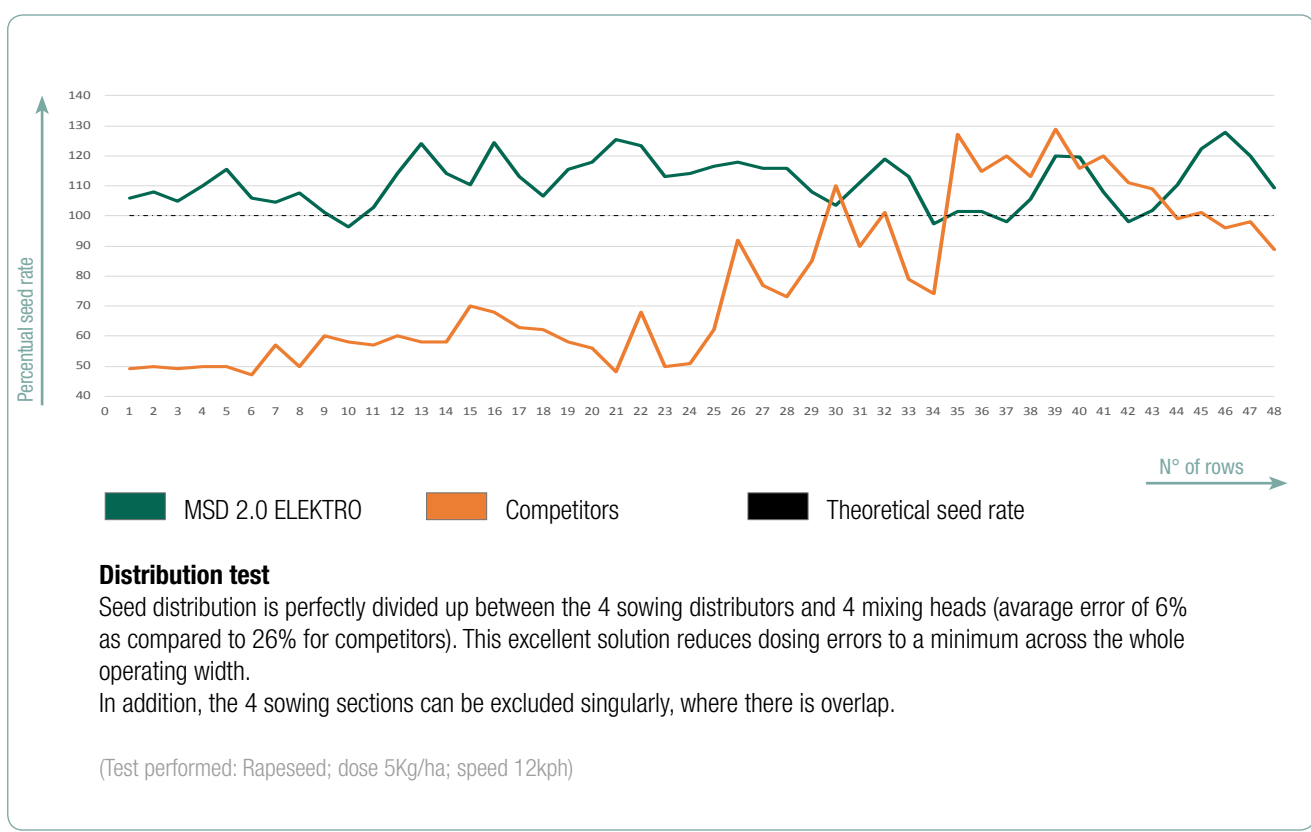
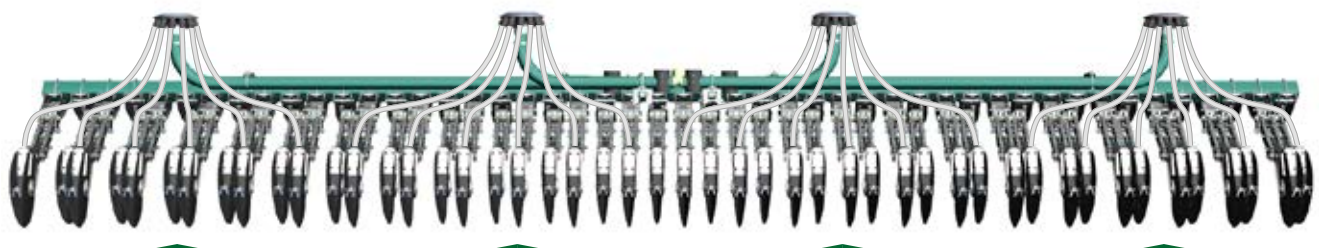
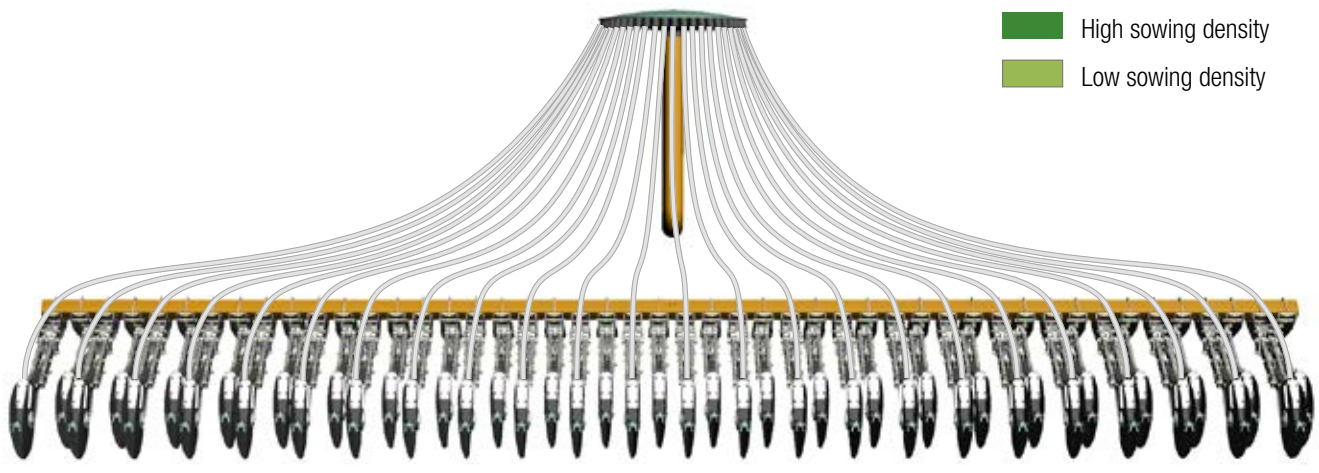
Adjustable feelers.

### **One metering unit for all seed types**

The dosing system has been developed to guarantee optimal performance and consistent distribution for all types of seed. The MagicDrill seed distributor is made up of variable cell sprockets that can be used individually, for very small seeds, or together for doses up to 400 kg/ha.

Choosing the most appropriate sprocket is really easy and requires only a few, simple manual movements.

The 4 distributors can be fully inspected, to optimise and reduce cleaning to a minimum. The sowing test is also easy to carry out, thanks again to the clearance space around the distributors.



**Distribution test**

Seed distribution is perfectly divided up between the 4 sowing distributors and 4 mixing heads (average error of 6% as compared to 26% for competitors). This excellent solution reduces dosing errors to a minimum across the whole operating width. In addition, the 4 sowing sections can be excluded singularly, where there is overlap.

(Test performed: Rapeseed; dose 5Kg/ha; speed 12kph)



# MSD 2.0 ELEKTRO Hydraulic folding tool bar

Pneumatic seed drill for sowing in rows in prepared or semi prepared soil. The working width ranges from 5 m to 6 m with a standard row distance of 12,5 cm (other row distances available if requested). The 4 dispensers are powered by an electric motor and controlled by the X4 sowing monitor. This monitor allows the seed density to be changed quickly, by setting the desired value. It also controls the sowing flow for each section. The tramline and seed exclusion functions are optional and can be integrated with the X4 monitor.



| MODEL               | N° OF ROWS | ROW SPACING MAX | TOOL BAR | WEIGHT |         | POWER REQUIRED | CAPACITY SEED |
|---------------------|------------|-----------------|----------|--------|---------|----------------|---------------|
|                     |            |                 |          | DISC   | D. DISC |                |               |
|                     |            | (cm)            | (cm)     | (kg)   |         | (hp)           | (L)           |
| <b>MSD-2.0 E 50</b> | 32         | 15.0            | 270/500  | 1440   | 1690    | 90-100         | 1300          |
| <b>MSD-2.0 E 50</b> | 36         | 13.9            | 270/500  | 1490   | 1790    | 90-100         | 1300          |
| <b>MSD-2.0 E 50</b> | 40         | 12.5            | 270/500  | 1550   | 1880    | 100-110        | 1300          |
| <b>MSD-2.0 E 60</b> | 40         | 15.0            | 270/600  | 1600   | 1920    | 100-110        | 1300          |
| <b>MSD-2.0 E 60</b> | 44         | 13.6            | 270/600  | 1670   | 2020    | 100-110        | 1300          |
| <b>MSD-2.0 E 60</b> | 48         | 12.5            | 270/600  | 1750   | 2110    | 100-110        | 1300          |



### Electric dosage

Electric dosage is managed via an X4 control monitor, supplied as standard with the MSD 2.0 ELEKTRO. The 4 MagicDrill sowing distributors operate via a reliable electric motor, meaning calibration is automatic. This means the sowing dose can be varied while working.

The X4 monitor, in addition to adjusting the seed investment, also functions as hectarecounter, it is preconfigured to exclude the 4 seeding sections and the tram-line.

It also manages independently the PRESTART and PRESTOP function. This means a field can be started and finished, sowing perfectly right to the outer edge.

### Function monitor X4

- Seeding check alarm
- Partial and total hectare counter
- Working speed
- Blower RPM sensor
- Seed level sensor
- Tramline set-up
- Section excluder set-up
- Seeder Pre-Start, Pre-Stop



# SEED DRILL COMBINED WITH POWER HARROW



Pneumatic fan hydraulic drive, tractor dependent. The required continuous oil flow is 40 L/min with direct back-flow to the tank.

**Seed tank**  
Large tank 1300 L.



PTO shaft with cam clutch (STANDARD).

**MK**  
Power harrow model MK 270.

PAKER roller Ø 550 mm.

## Available planting units



Single disc unit and anti-clogging device.



Single disc unit and depth gauge wheel.



Double disc unit and depth gauge wheel.



## MSD 2.0 COMBI

MSD 2.0 COMBI seeder is particularly compact to reduce the strain on the lifter to a minimum, thereby reducing the ground compaction.

Combined ARBOS seeders allow you to prepare, level and cement the ground so as to be able to sow in one go.

This versatile machine reduces operating times.



### Row marker

Hydraulic automatic row marker (OPTIONAL).



Transport lights and reflection panels (STANDARD).

Loading platform.



### Monitor X4

The dispensers are powered by an electric motor and controlled by the X4 sowing monitor. This monitor allows the seed density to be changed quickly, by setting the desired value. It also controls the sowing flow for each section. The tramline and seed exclusion functions are optional and can be integrated with the X4 monitor.

# MK Power harrow

To ensure excellent performance even in difficult conditions where there are crop residues, our machines are designed and built with an optimal distance between the tooth-holder support and the harrow box. This means a significant amount of residue and any stones can pass through easily, avoiding running into troublesome blockages. The teeth on the harrow also ensure optimal penetration including in difficult ground, maintaining a constant working depth. The Paker roller with a diameter of 550 mm is suitable for medium-to-hard terrain; it is extremely versatile and can be used in combination with the seeder.



| MODEL             | N° BLADES | DEPTH WORK<br>(cm) | WIDTH<br>(cm) |           | RPM ROTOR<br>(rpm) |      | POWER REQUIRED<br>POWER HARROW<br>(hp) | WEIGHT<br>POWER HARROW<br>(kg) |
|-------------------|-----------|--------------------|---------------|-----------|--------------------|------|--|--------------------------------|
|                   |           |                    | WORK          | TRANSPORT | 540                | 1000 |  |                                |
| <b>MK 180/300</b> | 24        | 10 - 30            | 294           | 300       | 300                | 359  | 110-150                                | 1675                           |
| <b>MK 180/350</b> | 28        | 10 - 30            | 342           | 348       | 348                | 359  | 110-180                                | 1870                           |
| <b>MK 180/400</b> | 32        | 10 - 30            | 390           | 396       | 396                | 359  | 120-180                                | 2060                           |
| <b>MK 270/300</b> | 24        | 10 - 30            | 294           | 300       | -                  | 365  | 150-270                                | 1745                           |
| <b>MK 270/350</b> | 28        | 10 - 30            | 342           | 348       | -                  | 365  | 150-270                                | 1920                           |
| <b>MK 270/400</b> | 32        | 10 - 30            | 390           | 396       | -                  | 365  | 160-270                                | 2100                           |

## Power harrow accessories



Kit rigid track eradicator.



Kit NO STOP spring track eradicator.



Superfast equipment, power harrow.

# MSD 2.0 COMBI

Seed drill combined with power harrow

Pneumatic seed drill for sowing in rows in prepared or semi-prepared soil. The working width ranges from 3,0 m to 4 m with a standard row distance of 12,5 cm. The dispensers are powered by an electric motor and controlled by the X4 sowing monitor. This monitor allows the seed density to be changed quickly, by setting the desired value. It also controls the sowing flow for each section. The tramline and seed exclusion functions are optional and can be integrated with the X4 monitor.



| MODEL                | N° OF ROWS | ROW SPACING | TOOL BAR | WEIGHT |                         |                             | POWER REQUIRED | CAPACITY |
|----------------------|------------|-------------|----------|--------|-------------------------|-----------------------------|----------------|----------|
|                      |            |             |          | DISC   | DISC+DEPTH GAUGE WHEELS | D. DISCO+DEPTH GAUGE WHEELS |                | SEED     |
|                      |            | (cm)        | (cm)     | (kg)   |                         |                             | (hp)           | (kg)     |
| <b>MSD-C 300/180</b> | 18         | 16.6        | 300      | 2290   | 2360                    | 2400                        | 140-190        | 1300     |
| <b>MSD-C 300/180</b> | 20         | 15.0        | 300      | 2320   | 2400                    | 2450                        | 140-190        | 1300     |
| <b>MSD-C 300/180</b> | 24         | 12.5        | 300      | 2390   | 2480                    | 2540                        | 140-190        | 1300     |
| <b>MSD-C 350/180</b> | 20         | 17.5        | 350      | 2560   | 2640                    | 2700                        | 160-210        | 1300     |
| <b>MSD-C 350/180</b> | 24         | 14.5        | 350      | 2630   | 2720                    | 2790                        | 160-210        | 1300     |
| <b>MSD-C 350/180</b> | 28         | 12.5        | 350      | 2660   | 2760                    | 2830                        | 160-210        | 1300     |
| <b>MSD-C 400/180</b> | 24         | 16.6        | 400      | 2780   | 2860                    | 2930                        | 180-230        | 1300     |
| <b>MSD-C 400/180</b> | 28         | 14.5        | 400      | 2850   | 2950                    | 3030                        | 180-230        | 1300     |
| <b>MSD-C 400/180</b> | 32         | 12.5        | 400      | 2920   | 3030                    | 3120                        | 180-230        | 1300     |
| <b>MSD-C 300/270</b> | 18         | 16.6        | 300      | 2370   | 2430                    | 2470                        | 180-250        | 1300     |
| <b>MSD-C 300/270</b> | 20         | 15.0        | 300      | 2400   | 2470                    | 2520                        | 180-250        | 1300     |
| <b>MSD-C 300/270</b> | 24         | 12.5        | 300      | 2460   | 2550                    | 2610                        | 180-250        | 1300     |
| <b>MSD-C 350/270</b> | 20         | 17.5        | 350      | 2650   | 2710                    | 2770                        | 200-270        | 1300     |
| <b>MSD-C 350/270</b> | 24         | 14.5        | 350      | 2700   | 2790                    | 2860                        | 200-270        | 1300     |
| <b>MSD-C 350/270</b> | 28         | 12.5        | 350      | 2750   | 2830                    | 2900                        | 200-270        | 1300     |
| <b>MSD-C 400/270</b> | 24         | 16.6        | 400      | 2780   | 2860                    | 2930                        | 220-270        | 1300     |
| <b>MSD-C 400/270</b> | 28         | 14.5        | 400      | 2850   | 2950                    | 3030                        | 220-270        | 1300     |
| <b>MSD-C 400/270</b> | 32         | 12.5        | 400      | 2920   | 3030                    | 3120                        | 220-270        | 1300     |

# PNEUMATIC SEED DRILLS

## MINIMUM TILL & NO-TILL

### Tank

Seed and fertiliser tank with loading platform. Total capacity 3000 L. (AS-F Version: 2000 L for seed, 1000 L for fertilizer).

### Blower

Hydraulic blower for pneumatic seed transportation (40 L/min).



### Seed and fertilizer metering unit

Volumetric and independent seed and fertilizer metering unit with divided distribution for each seeding row.

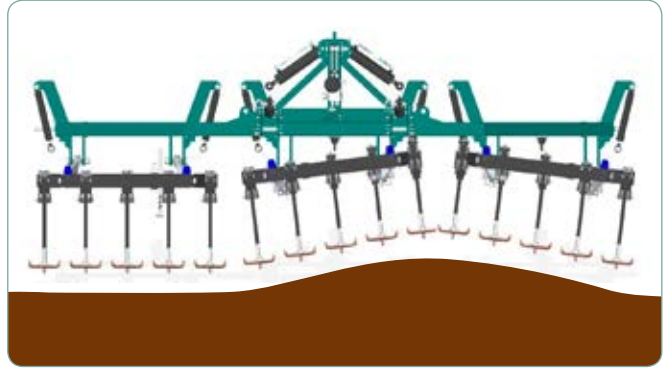


### Road transport wheels

Low pressure transport wheels (600/50-R22,5 for UST 450 and 700/50-R22,5 for UST 600)

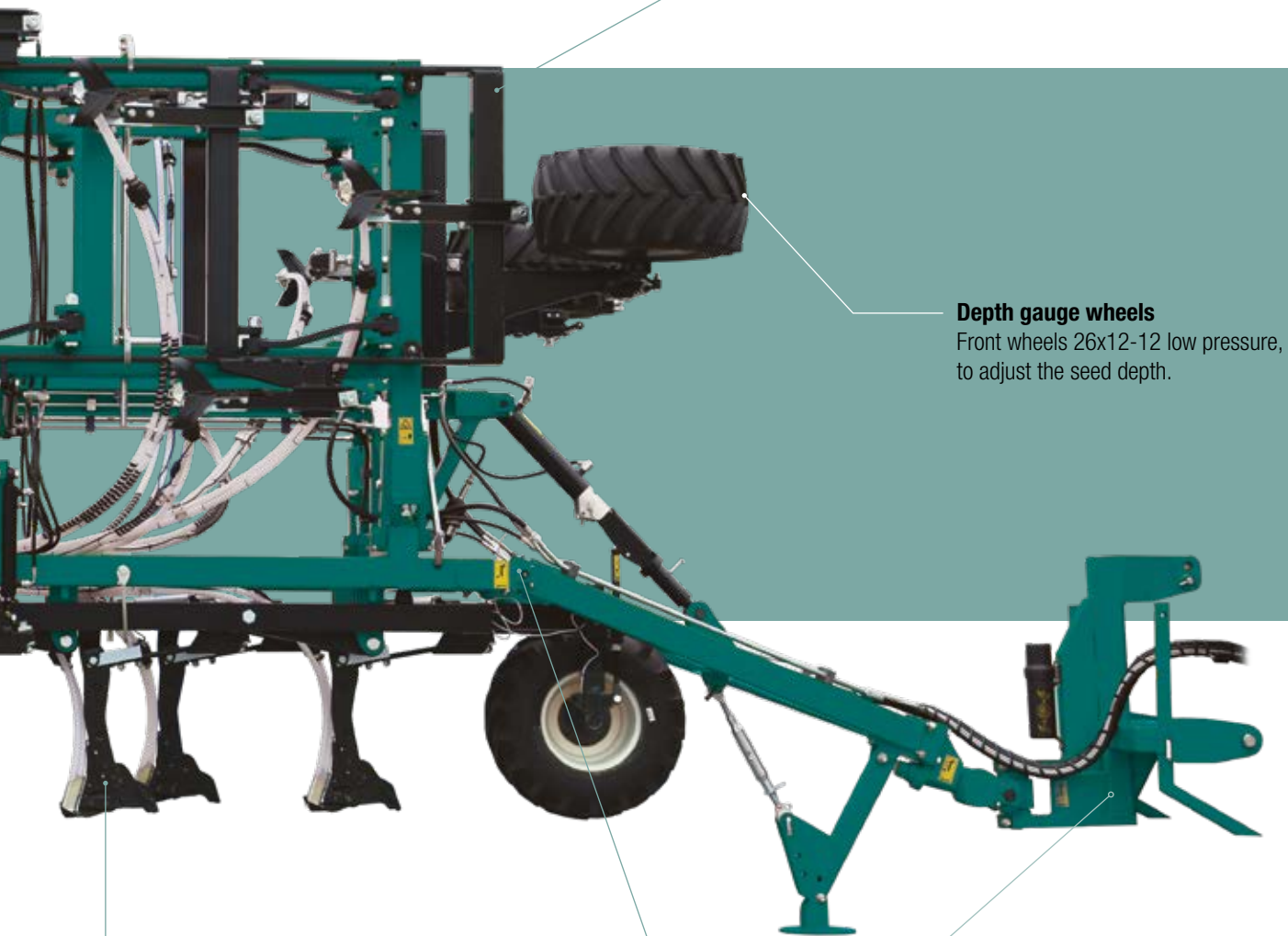
### Compression wheels

Compression roller to adjust depth, with 17x8.00-R8 low-pressure wheels in correspondence with every coulter.



**Planting unit carriers**

Planting units fitted on independent, floating carriers. The system allows you to follow the edge of the land, uniformly distributing the load via a hydraulic system.



**Depth gauge wheels**

Front wheels 26x12-12 low pressure, to adjust the seed depth.

**Tractor linkage**

3-point hitch, II and III cat., with rotation joint.

**Planting unit**

Optimal planting units distance, on 5 ranks.  
Clearance form the ground of 600 mm allowing optimal flow of the crop residue.

**Tool bar**

Foldable frame for transportation on the road.  
Transportbreite weniger als 3,0 m.

# UST Pneumatic seed drills minimum till & no-till

The AS-UST Air Seeders are developed for conservation tillage sowings of all kind of winter cereals, OSR, forage seeds and cover crops.



| MODEL                | N° OF ROWS | ROW SPACING MIN<br>(cm) | TOOL BAR<br>(cm) | WEIGHT<br>(kg) | POWER REQUIRED<br>(hp) | CAPACITY    |        |
|----------------------|------------|-------------------------|------------------|----------------|------------------------|-------------|--------|
|                      |            |                         |                  |                |                        | SEED<br>(L) | FERTIL |
| <b>DIREKTA 450-F</b> | 15         | 15.0                    | 290/450          | 4280           | 130-150                | 2000        | 1000   |
| <b>DIREKTA 600-F</b> | 20         | 15.0                    | 300/600          | 5200           | 170-200                | 2000        | 1000   |

Safety bolts: the connection system ensures protection of the element from stones and other debris.



Each seed line is prearranged with a photocell to control the flow and prevent any obstructions from forming.

Seed  
Fertilizer



Seed/fertiliser diffuser.

23 cm wings.

Mechanical jack to change the inclination angle of the sowing unit.

Articulate parallelogram to follow the soil profile.

Push rod with tungsten carbide insert for a long-term duration.

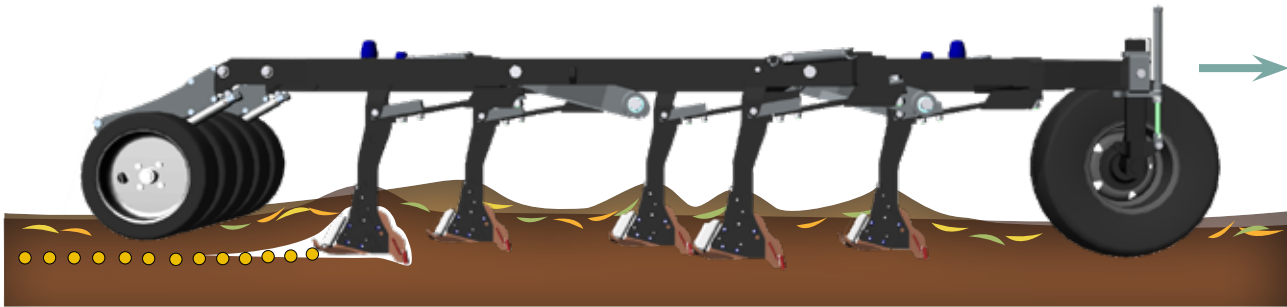
## Sequence of introducing the sowing unit into the ground



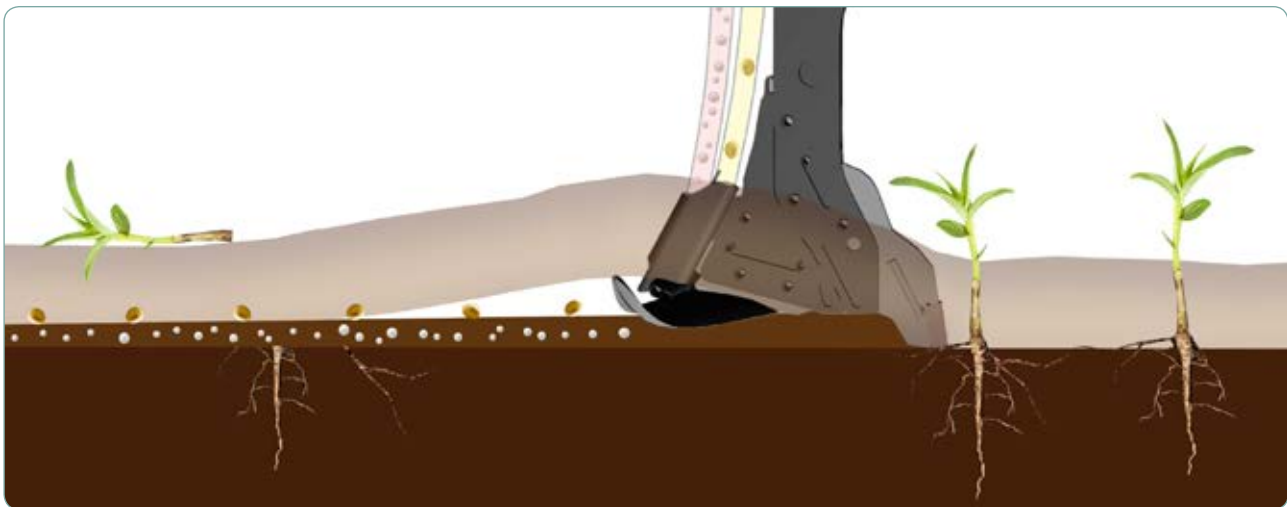


## Agronomic advantages of conservative agriculture through the UST seeder

- Reduction of disturbance to the soil improving the structure of the terrain and increasing the mineralisation of the organic substance, facilitating the development of organisms and other benefits.
- Protection of the ground from erosion and no waste of mineral nutrients.
- Increase in the moisture retention capacity of the soil
- Nutrient elements available from the first stage of development with subsequently less need for fertilizers in the crop growing phase.
- Better water drainage and more rapid growth of crops
- Effective mechanical control of weeds



The AS-UST planting unit with little wings allows to get a furrow by raising a layer of soil. This layer then drops off over the seed after the passage of the planting unit. This technology enables the seed to be planted without any contact with soil remains. Moreover, the little wings grant an efficient mechanical weeding.



The sowing unit keeps the crop residue at the surface in order to prevent contact with the seed inside the furrow; effective mechanical control of weeds.

## Advantages compared to no-till sowing with a double disc coulters

### Less power used and reduction in consumption

With the UST seeder, lower traction power is required at equal working widths, Thanks to the number of coulters elements used. Less power translates into less consumption of fossil fuel.

### Parts subject to wear

The disc seed planting system assembly subjects many working parts to wear and requires spare parts for correct machinery maintenance.

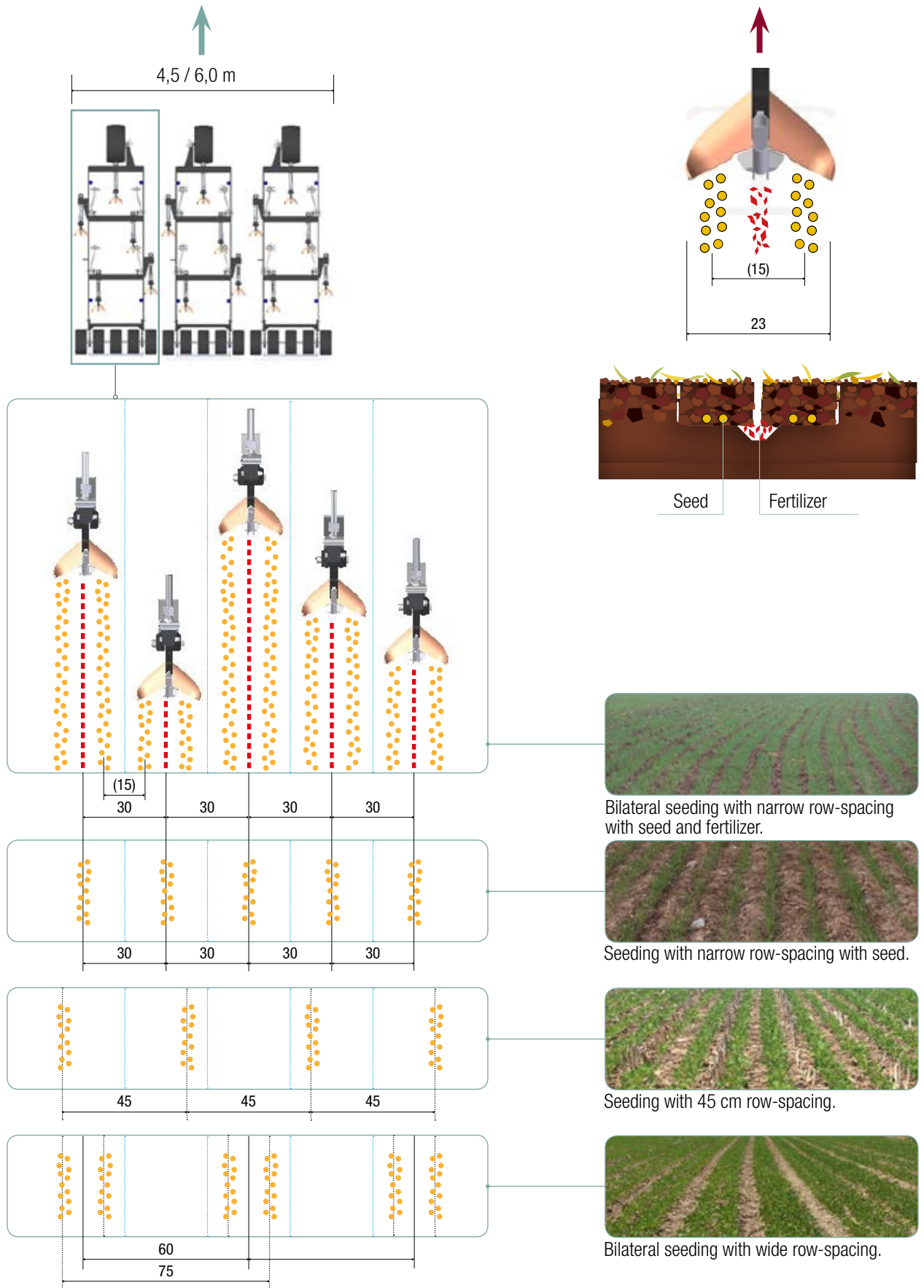
Thanks to the simplicity of the construction of the UST seeder coulters element, only a few spare parts are required, all of which are reasonably priced.

### In terms of agronomics

The no-till disc system which sows and/or cuts the crop residue with the subsequent mixing of the terrain together with seed planting limits the development of the root system and plant growth.

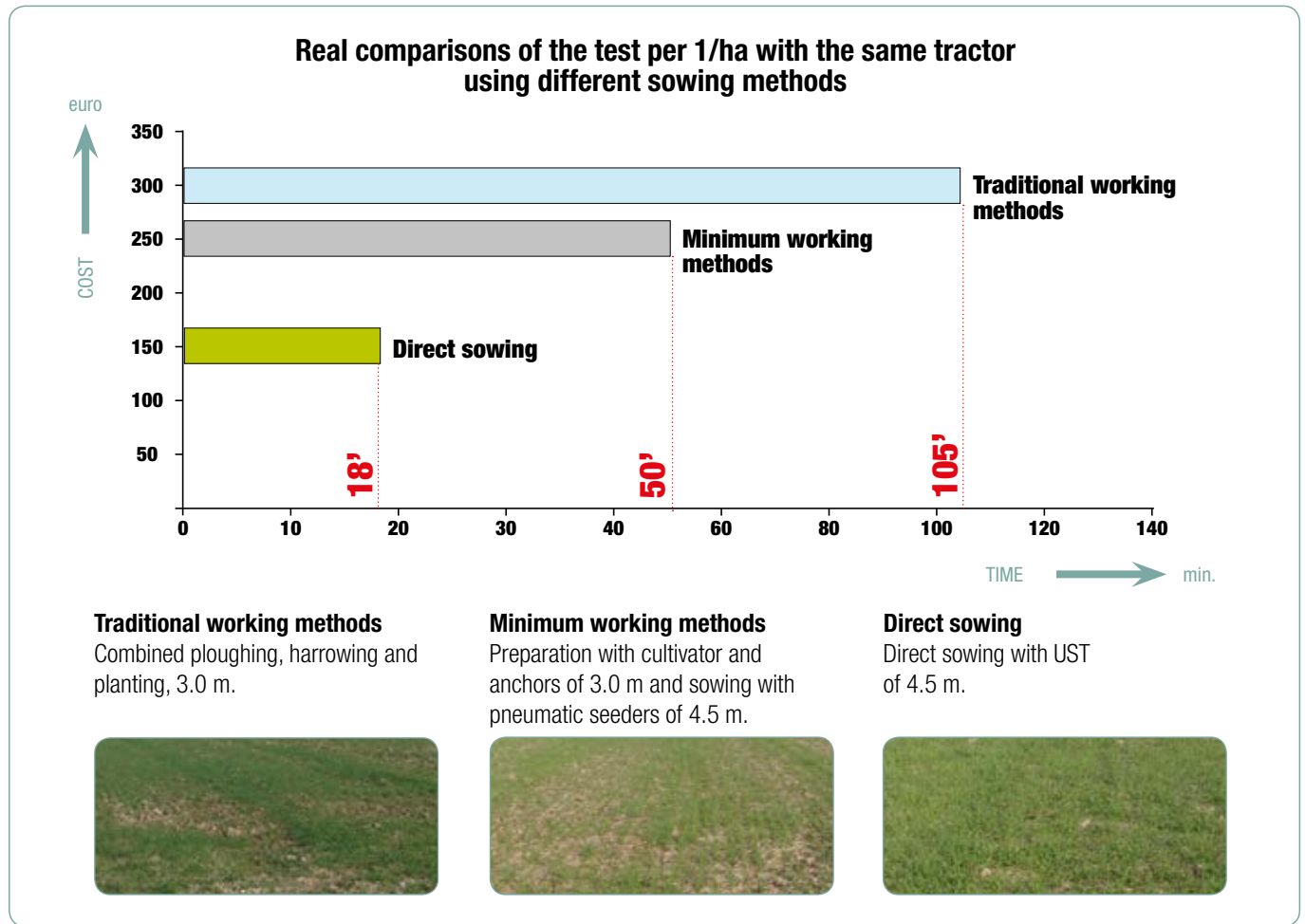
## Row spacing available

The bilateral seed diffuser and the 30 cm distance between the centre points of the coulters makes different seed row spacing possible. Below are some examples.



Version available with different row distances, obtained by the exclusion of outlets, planting metering units or planting units.

**Financial advantages**



**Financial benefits provided by the UST seeder**

**Time**

Time saved always translates into money save. By eliminating ploughing, harrowing, work with disc harrows and the preparation of the land for sowing, means saving an average of 50% compared to traditional working techniques and approximately 30% when compared to minimum working methods.

**Spare parts**

The UST seeder offers an extremely low maintenance cost per Ha, thanks to the smaller number of parts which are subject to wear.

**BIO Crops**

The UST no-till sowing which is also used for BIO crops facilitates the growth of the root system of specific plants.

**Versatility**

The versatility of the UST allows most existing crops to be sown such as soya, cereals, forage, cover crop. For this reason it can be defined as a universal seeder.



# ROW CROP CULTIVATOR

**Tank fertilizer**  
Stainless steel tank  
from 215, 600, 1000 L.



## **UNICA row crop cultivator**

The ARBOS UNICA series cultivator are machines built for inter-row work on main crops.

They are appreciated for their robustness, reliability over time and operational versatility.

The absence of welding joints in the body of the element enhances its structural resistance, of particular value when working on more difficult soil. Inter-row distances are those commonly used; customized inter-row distances are available on request.



Direction guide discs  
(OPTIONAL).

## UNICA PVI Vertical folding tool bar

Cultivator with hydraulic vertically-folding tool bar, designed for farmers who need to frequently move from one field to another.



| N° OF ROWS | ROW SPACING | N° OF TINES | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |         |          |
|------------|-------------|-------------|----------|--------|--------|----------------|----------|---------|----------|
|            |             |             |          | BASE   | FERTIL |                | 215      | 600     | 1000     |
|            | (cm)        |             | (cm)     | (kg)   |        | (hp)           | (L)      |         |          |
| <b>6</b>   | 45÷50       | 3           | 255/330  | 750    | 900    | 70             | -        | 1 X 600 | 1 X 1000 |
| <b>7</b>   | 45÷50       | 3           | 255/375  | 810    | 980    | 70             | -        | 1 X 600 | 1 X 1000 |
| <b>8</b>   | 45÷50       | 3           | 255/430  | 880    | 1050   | 80             | -        | 1 X 600 | 1 X 1000 |
| <b>12</b>  | 45÷50       | 3           | 255/670  | 1000   | 1190   | 90             | -        | 1 X 600 | 1 X 1000 |
| <b>4</b>   | 70÷80       | 5           | 255/350  | 450    | 600    | 60             | -        | 1 X 600 | 1 X 1000 |
| <b>6</b>   | 70÷80       | 5           | 255/510  | 790    | 930    | 70             | -        | 1 X 600 | 1 X 1000 |
| <b>7</b>   | 70÷75       | 5           | 300/555  | 860    | 1000   | 70             | -        | 1 X 600 | 1 X 1000 |
| <b>8</b>   | 70÷80       | 5           | 255/670  | 930    | 1150   | 80             | -        | 1 X 600 | 1 X 1000 |

## UNICA SUPER-L Triple rigid tool bar

A cultivator with triple rigid frame, conceived for big farms. The main feature of this model is the robustness of the element-bearing frame, required in order to guarantee functionality under any conditions, considering its working width of over 12 m.



| N° OF ROWS | ROW SPACING | N° OF TINES | TOOL BAR | WEIGHT |        | POWER REQUIRED | CAPACITY |         |      |
|------------|-------------|-------------|----------|--------|--------|----------------|----------|---------|------|
|            |             |             |          | BASE   | FERTIL |                | 215      | 600     | 1000 |
|            | (cm)        |             | (cm)     | (kg)   |        | (hp)           | (L)      |         |      |
| <b>24</b>  | 45          | 3           | 1150     | 2380   | 2760   | 150            | -        | 4 X 600 | -    |
| <b>16</b>  | 70          | 5           | 1150     | 1980   | 2350   | 150            | -        | 4 X 600 | -    |

# FERTILIZERS



## **Painting**

Polyester powder coating in 8 stages on the hopper, frame, grid and filter.

## Accessories



Left and right hydraulic or electric border kit.



TOPCON X25 TOUCH 8" touch-screen color monitor



**MCA-W/MCA-W ELEKTRO**  
Stainless steel dual conveyor for crops with row spacing.



**MCA-W/MCA-W ELEKTRO**  
Fixed or manual opening cover.



**MMX-MMX ELEKTRO**  
Manual or hydraulic opening cover.



Parking wheels kit.



**MMX Series**  
Vanes with wear-protection treatment in Tungsten carbide, 18-36 m swath width.

Hopper bottom, spreading discs, nuts and bolts, agitators and opening discs in stainless steel.

Auto-calibrating, non-stop weighing system with 4 load cells calculate the different fertilizer characteristics extremely accurately and reliably, including when it's in motion.




## MCA-W Double disc mounted fertilizer spreader - 10/18 m

The MCA-W fertilizer spreader is a compact, accurate machine. It is used for distributing granular, powder and pellet chemical fertilizers. The particular shape of the hopper limits the maximum clearance width to 1.10 meters, thus allowing the fertilization of crops with extremely narrow planting layout. The OPTIONAL adjustable conveyor allows spreading widths ranging from 2 to 5 m.

The spreader unit, nuts and bolts, and opening discs are made from stainless steel to prevent corrosion and prolong the life of the product. Standard hydraulic actuators allow to stop the spreading on one side of the machine (right or left) when working along the edges of the field or near sensitive areas (waterways or roads).



| MODEL                 | CAPACITY | WORKING WIDTH | PTO     | SIZE (AxBXC)<br> | TANK    |      | WEIGHT |
|-----------------------|----------|---------------|---------|---|---------|------|--------|
|                       |          |               |         |   | PAINTED | INOX |        |
|                       | (L)      | (m)           | (r.p.m) | (cm)  |         |      | (kg)   |
| <b>MCA-W 600</b>      | 590      | 10/18         | 540     | 110 x 98 x 130  | •       | •    | 200    |
| <b>MCA-W PLUS 600</b> | 590      | 10/18         | 540     | 110 x 98 x 148  | •       | •    | 200    |


## MCA-W ELEKTRO Double disc mounted fertilizer spreader - 10/18 m

The MCA-W ELEKTRO fertilizer spreader is a compact, accurate machine. It is used for distributing granular, powder and pellet chemical fertilizers. The particular shape of the hopper limits the maximum clearance width to 1.10 meters, thus allowing the fertilization of crops with extremely narrow planting layout.

The ELEKTRO system allows you to adjust the opening of the dosing sections automatically, according to the tractor speed and the current flow characteristics of the minerals used for fertilization.

Due to automatic filtering, the 4 load cells calculate the different characteristics extremely accurately and reliably, including when in motion.




| MODEL              | CAPACITY | WORKING WIDTH | PTO     | SIZE (AxBXC)<br> | TANK    |      | WEIGHT |
|--------------------|----------|---------------|---------|---|---------|------|--------|
|                    |          |               |         |   | PAINTED | INOX |        |
|                    | (L)      | (m)           | (r.p.m) | (cm)  |         |      | (kg)   |
| <b>MCA-W E 600</b> | 590      | 10/18         | 540     | 110 x 98 x 148  | •       | •    | 200    |



## MMX Double disc mounted fertilizer spreader - 18/36 m

The MMX fertilizer spreader is a compact, accurate machine. It is used for distributing granular, powder and pellet chemical fertilizers. The spreader unit, nuts and bolts, and opening discs are made from stainless steel to prevent corrosion and prolong the life of the product. It reaches a spreading width of up to 36 m. Standard hydraulic actuators allow to stop the spreading on one side of the machine (right or left) when working along the edges of the field or near sensitive areas (waterways or roads).




| MODEL             | CAPACITY | WORKING WIDTH | PTO     | SIZE (AXBXC)  | WEIGHT |
|-------------------|----------|---------------|---------|--|--------|
|                   | (L)      | (m)           | (r.p.m) | (cm)   | (kg)   |
| <b>MMX 1500</b>   | 1500     | 18/36         | 540     | 220 x 125 x 160  | 600    |
| <b>MMX 3200</b>   | 3200     | 18/36         | 540     | 280 x 154 x 160  | 630    |
| <b>MMX/P 1500</b> | 1500     | 18/36         | 540     | 220 x 125 x 160  | 600    |
| <b>MMX/P 3200</b> | 3200     | 18/36         | 540     | 280 x 154 x 160  | 630    |

## MMX ELEKTRO Double disc mounted fertilizer spreader - 18/36 m

The MMX ELEKTRO fertilizer spreader is a compact, accurate machine. It is used for distributing granular, powder and pellet chemical fertilizers. The ELEKTRO system allows you to adjust the opening of the dosing sections automatically, according to the tractor speed and the current flow characteristics of the mineral s used for fertilisation. Due to automatic filtering, the 2 load cells calculate the different characteristics extremely accurately and reliably, including when it's in motion.




| MODEL             | CAPACITY | WORKING WIDTH | PTO     | SIZE (AXBXC)  | WEIGHT |
|-------------------|----------|---------------|---------|--|--------|
|                   | (L)      | (m)           | (r.p.m) | (cm)   | (kg)   |
| <b>MMX-E 1500</b> | 1500     | 18/36         | 540     | 220 x 125 x 178  | 600    |
| <b>MMX-E 3200</b> | 3200     | 18/36         | 540     | 280 x 154 x 178  | 630    |

## MMX SMART Double disc mounted fertilizer spreader - 18/36 m

The MMX SMART fertilizer spreader is the most high-tech machine. It is used for distributing granular, powder and pellet chemical fertilizers. The SMART system allows to make the most out of the ISOBUS standard. Due to automatic filtering, the 2 load cells calculate the different characteristics extremely accurately and reliably, including when it's in motion.



| MODEL             | CAPACITY | WORKING WIDTH | PTO     | SIZE (AXBXC)  | WEIGHT |
|-------------------|----------|---------------|---------|--|--------|
|                   | (L)      | (m)           | (r.p.m) | (cm)   | (kg)   |
| <b>MMX-S 1500</b> | 1500     | 18/36         | 540     | 220 x 125 x 178  | 600    |
| <b>MMX-S 3200</b> | 3200     | 18/36         | 540     | 280 x 154 x 178  | 630    |

# SPRAYERS

## MBS EVO

### MBS EVO

ARBOS MBS mounted sprayers are available with three different sizes of tank, with nominal capacities of 800, 1000 and 1200 L respectively. They are all equipped with a 120 L rinse tank and a 20 L personal wash tank. All sprayers are equipped with a high-resistance steel frame, which has gone through a process of cataphoresis and then been painted with a powder coating, making it suitable for liquid fertilisation treatments. The spray booms operate using a hydraulic mechanism, with working widths of 12, 15, 16 and 18 m.

They are provided with aluminum arms with protected sprays inside and Hydro-pneumatic, self-levelling, shock-absorbing pendulum system with hydraulic automatic locking shock-absorbing springs.

#### Self-lubricating bushings

Sprayer bar with articulations with self-lubricating bushings.



#### Bar retainers

Road safety to prevent the unintentional opening of the bars. The arms can only be hydraulically moved when the bars are lifted.

#### Rinse tank

Polyethylene tank containing clean water for rinsing, 120 L capacity.

#### Main spray tank

Main spray tank in high-density polyethylene, 800/1000/1200 L (nominal).

#### Personal wash tank

Personal wash tank in high-density polyethylene, 20 L.



**Nozzles**

Fan-spray nozzles, dual fan-spray nozzles and nozzles for liquid fertilisation – ASJ and TEEJET.



**Movement**

Independent opening of the right arm, left arm, alignment corrector and lift.



**Shock-absorbing system**

Shock-absorption of the hydro-pneumatic bar.



**Aluminium bar**

Bolted bar with aluminium profile. Sprays fully protected inside the structure.

**Electro-hydraulic functions**

Electro-hydraulic actuation system of the bar with alignment corrector as standard



**Self-levelling lock**

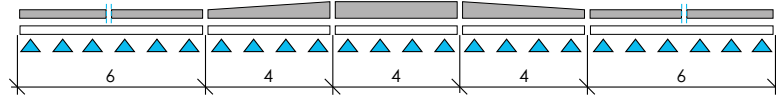
Compensation system to self-level the bar even in the event of alternating closure of the arms.

**Self-levelling**

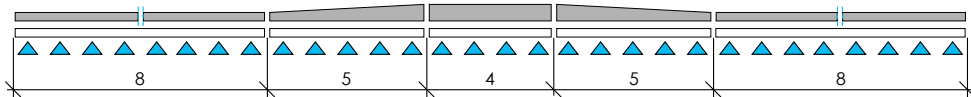
Pendulum self-levelling system with springs and shock-absorbers.



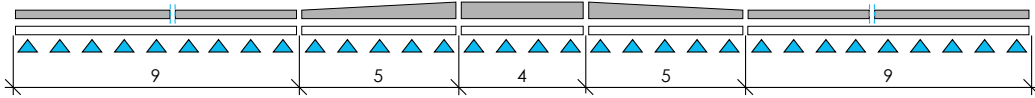
Boom: 12 m, 5 sections, number of nozzles 6 - 4 - 4 - 4 - 6



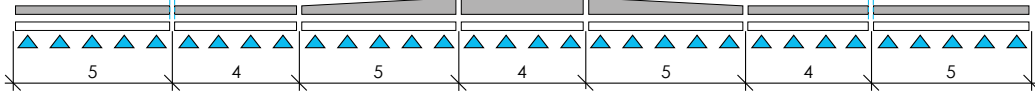
Boom: 15 m, 5 sections, number of nozzles 8 - 5 - 4 - 5 - 8



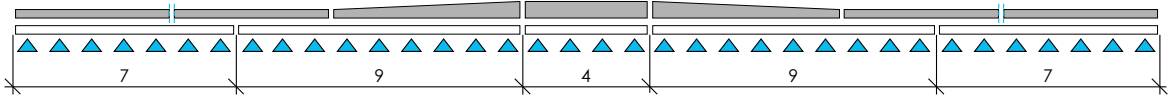
Boom: 16 m, 5 sections, number of nozzles 9 - 5 - 4 - 5 - 9



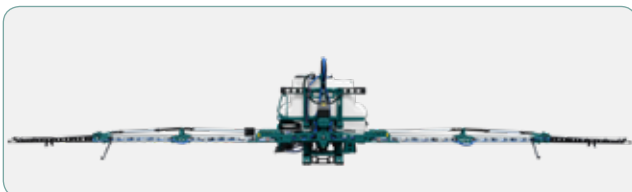
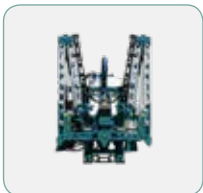
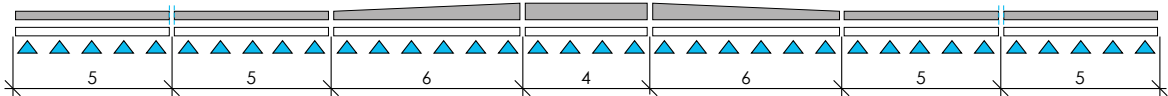
Boom: 16 m, 7 sections, number of nozzles 5 - 4 - 5 - 4 - 5 - 4 - 5



Boom: 18 m, 5 sections, number of nozzles 7 - 9 - 4 - 9 - 7



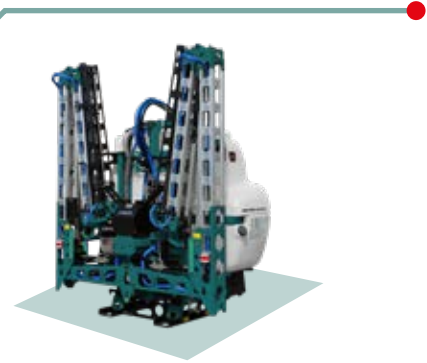
Boom: 18 m, 7 sections, number of nozzles 5 - 5 - 6 - 4 - 6 - 5 - 5




# MBS EVO Mounted sprayers

The ARBOS MBS EVO mounted sprayers consist of a main spray tank, available in three different nominal capacities: 800/1000/1200 L. The hydraulic boom is available in widths of 15, 16 and 18 m.

This boom works particularly well on the edge of a field or when manoeuvring in tight fields, reducing damage to crops to a minimum.



| MODEL               | CAPACITY NOMINAL | CAPACITÀ EFECTIVE | BOOM | BOOM SECTIONS | FLOW NOMINAL PUMP | SIZE (AXBXC)<br> | WEIGHT |
|---------------------|------------------|-------------------|------|---------------|-------------------|---|--------|
|                     | (L)              | (L)               | (m)  |               | (L/min)           | (cm)  | (kg)   |
| <b>MBS EVO 800</b>  | 800              | 894               | 12   | 5             | 168               | 245 x 270 x 160   | 880    |
| <b>MBS EVO 800</b>  | 800              | 894               | 15   | 5             | 168               | 245 x 270 x 160   | 900    |
| <b>MBS EVO 800</b>  | 800              | 894               | 16   | 5             | 168               | 245 x 320 x 160   | 915    |
| <b>MBS EVO 800</b>  | 800              | 894               | 16   | 7             | 168               | 245 x 320 x 160   | 920    |
| <b>MBS EVO 1000</b> | 1000             | 1077              | 15   | 5             | 168               | 245 x 270 x 160   | 910    |
| <b>MBS EVO 1000</b> | 1000             | 1077              | 16   | 5             | 168               | 245 x 320 x 160   | 925    |
| <b>MBS EVO 1000</b> | 1000             | 1077              | 16   | 7             | 168               | 245 x 320 x 160   | 930    |
| <b>MBS EVO 1000</b> | 1000             | 1077              | 18   | 5             | 168               | 245 x 320 x 160   | 945    |
| <b>MBS EVO 1000</b> | 1000             | 1077              | 18   | 7             | 168               | 245 x 320 x 160   | 950    |
| <b>MBS EVO 1200</b> | 1200             | 1311              | 15   | 5             | 168               | 245 x 270 x 160   | 920    |
| <b>MBS EVO 1200</b> | 1200             | 1311              | 16   | 5             | 168               | 245 x 320 x 160   | 935    |
| <b>MBS EVO 1200</b> | 1200             | 1311              | 16   | 7             | 168               | 245 x 320 x 160   | 940    |
| <b>MBS EVO 1200</b> | 1200             | 1311              | 18   | 5             | 168               | 245 x 320 x 160   | 955    |
| <b>MBS EVO 1200</b> | 1200             | 1311              | 18   | 7             | 168               | 245 x 320 x 160   | 960    |



# FRONT TANK FOR MBS SPRAYER




The FTS front tank is an extension of the MBS range sprayers, aimed to increase the machine autonomy and to balance weights.

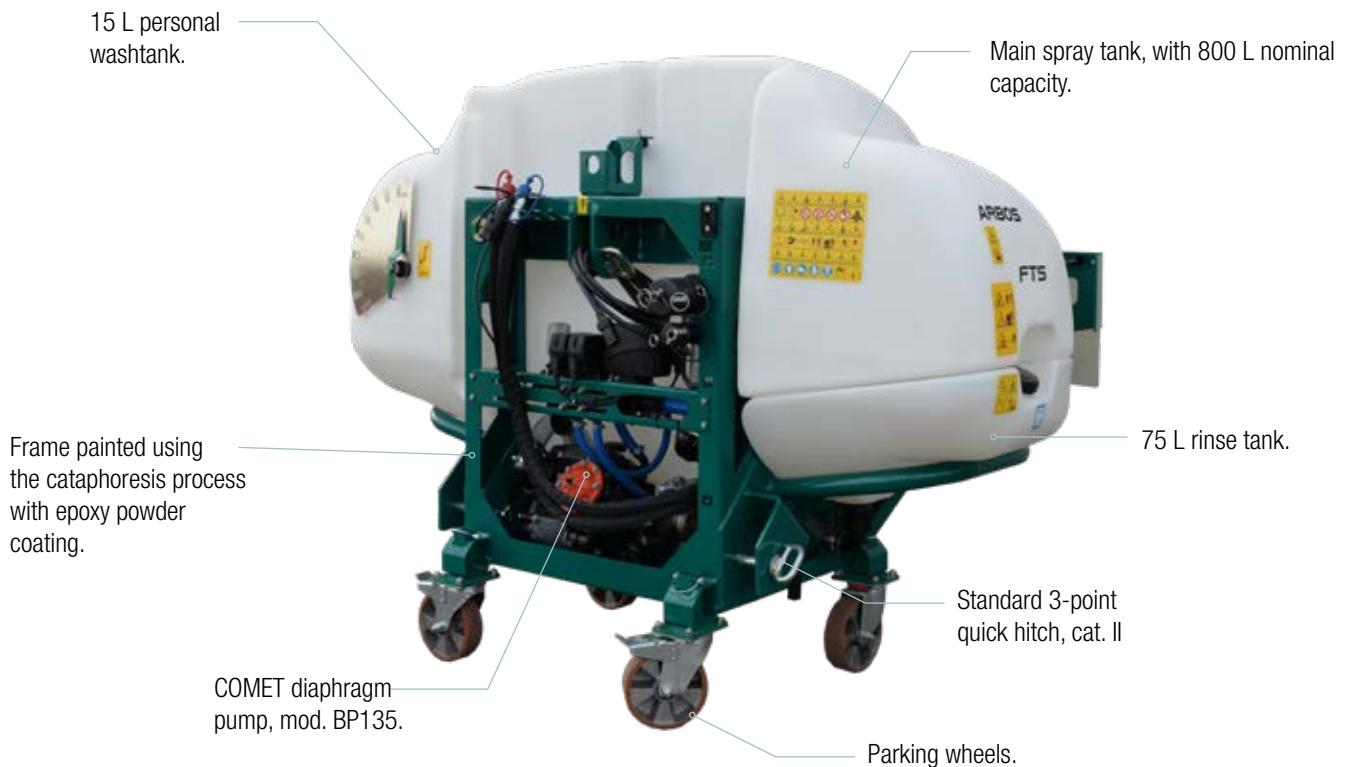
The equipment for the connection to MBS sprayers (provided as standard), allows for simultaneous filling of the FTS front tank and the sprayer, through the pre-mixer. All the tanks are made of high density polyethylene.

# FTS Front tank for MBS sprayer

The FTS front tank is available with a nominal capacity of 800 L. The machine is equipped with an hydraulic operating diaphragm pump. Agitation, transfer and cleansing can be easily operated from the tractor cabin through the standard control board. Detachable wheels to facilitate the machine parking and the coupling to the tractor front lifter are also provided as standard.



| MODEL          | NOMINAL CAPACITY | EFFECTIVE CAPACITY | PUMP FLOW RATE | DIMENSIONS (AxBxC)<br> | DRY WEIGHT | POWER REQUIRED |
|----------------|------------------|--------------------|----------------|---|------------|----------------|
|                | (L)              | (L)                | (L/min)        | (cm)  | (kg)       | (Hp)           |
| <b>FTS 800</b> | 800              | 860                | 135            | 195 x 122 x 108   | 245        | 50             |








# ELECTRONIC AGRICULTURAL EQUIPMENT



ARBOS designs and produces a wide range of computers to check and control the sowing and the fertilizer distribution.



## ELECTRONIC EQUIPMENT

| MONITOR  | PRECISION PLANTER | SEED DRILL | FERTILIZER | SPRAYER | FUNCTION   |
|--|-------------------|------------|------------|---------|--|
| <br><b>ISOBUS</b>                 | ✓                 | ✓          |            |         | Sowing control system based on ISOBUS standard (ISO 11783). Fully compatible with any tractor/monitor with ISOBUS technology.<br>- Sowing control up to 16 rows of seeds<br>- Exclusion up to 12 rows, manual and tramline (OPTIONAL)  |
| <br><b>MONOTRONIC 32</b>          | ✓                 | ✓          |            |         | - Seeding check alarm<br>- Partial and total hectare counter<br>- Working speed<br>- Average seed distance on each row<br>- Average seed population on each row<br>- Seeding control up to 36 rows   |
| <br><b>AE-X</b>                   | ✓                 |            |            |         | Device which can be attached to precision pneumatic sowing machines to exclude one or more seed rows.  |
| <br><b>X4</b>                    |                   | ✓          |            |         | - Seeding check alarm<br>- Partial and total hectare counter<br>- Working speed<br>- Blower RPM sensor<br>- Seed level sensor<br>- Tramline set-up<br>- Section excluder set-up<br>- Seeder Pre-Start, Pre-Stop  |
| <br><b>VIRTUAL TERMINAL X25</b> | ✓                 | ✓          | ✓          |         | - Simple, intuitive and user-friendly interface<br>- Full capability to map and manage data<br>- Bright, sunlight readable multi-touch display, with information boxes that can be re-positioned<br>- Easy to install on the most common vehicles on the market, in manual and autonomous drive mode<br>- Possibility to export map of boundaries, coverage, applications record<br>- Integrated complete UT ISO and TC ISO                          |
| <br><b>VIRTUAL TERMINAL X35</b> | ✓                 | ✓          |            |         | VIRTUAL TERMINAL X35 offers the same functions of X25, and moreover:<br>- Remote support for technical assistance<br>- Horizon XTEND: to view all mobile devices<br>- Variable rate control (VRC) up to 8 products<br>- Standard GNSS if connected to receivers SGR-1/AGI-4<br>- Autonomous section control (ASC) for a maximum of 200 sections<br>- ISOBUS with functions: UT, TC-BAS, TC-GEO and TC-SC<br>- Possibility to connect up to 6 cameras |
| <br><b>XTRONIC 400</b>          |                   |            |            | ✓       | - Spraying computer and driving guide with 5.7" high-resolution TFT screen<br>- Variable application management and job export via maps in Shape format<br>- Automatic closure of boom sections to avoid overlap and treatment outside of the field<br>- Management of multiple users, tools and tractors<br>- A hectare counter   |
| <br><b>XTRONIC 180 S</b>        |                   |            |            | ✓       | - Automatic adjustment via the flow detector<br>- Automatic closure of the general valve below the minimum working speed set by the user<br>- Visual and sound alarms<br>- Temporary increase and decrease in the quantity of liquid being distributed<br>- A hectare counter  |







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