
ADX
MULTI-PURPOSE AIR DRILL PLANTERS FOR COARSE AND FINE GRAINS

ENSURE BETTER EMERGENCE AND BOOST YOUR YIELD

- **18" Turbo Disc**: slices through stubble without residue incorporation and prepares a soil band for the double-disc opener. Mounted on the toolbar, it adjusts to varying soil hardness without affecting seeding quality. Optional: blades available for various soils and residue conditions.
- **16" Double-Disc Opener**: requires less pressure, no lateral compaction, maximum versatility.
- **Seed Firmer**: ensures firm seed-to-soil contact for uniform germination.
- **Gauge Wheels System**: follows ground contours maintaining consistent seeding depth. Its design prevents soil dragging and ensures a clean row for uniform planting.
- **Closing Wheels**: they complete the operation by covering the seed to retain moisture. Available in different models to suit various soil types and working conditions.

AOX

TECHNICAL FEATURES

- **Chassis**: robust structure of the chassis and drawbars that guarantee high durability.
- **Single-Drawbar System**: solid design, adaptable to field or transport. The drawbar is always hitched to the tractor with hydraulic connections, minimizing start-up time.
- **Components**: high-quality discs, hoses, bearings, cylinders and all other parts.
- **Design**: built for long service life.

EASY AND SAFE TRANSPORT

- **Easy to Transport**: optimal clearance for rural roads.
- **Single Drawbar and Innovative Folding System**: quick and safe transportation.
- **Transport on rural roads**: Width: 3.5 m; Clearance: 60 cm; Speed: 35 km
- **Transport on Trailer Without Disassembly**: Width: 3.50 m Height: 3.70 m
  - **ADX**: Width: 3.5m; Height: 3.7m
  - **ADX S**: Width: 3.5m; Height: 4.3m
  - **ADX Z**: Width: 3.5m; Height: 4.6m
- **Fast Conversion**: from field to transport in seconds, by a single operator, without leaving the tractor.
- **Improved Productivity**: more hectares per season, less downtime.

HIGH-CAPACITY HOPPERS

- **High-Capacity Hopper**:
  - Two hoppers with central loading system.
  - Pressurized and equipped with easy-to-operate lids.
  - Total Capacity: **6.100 L** (seeds only).
- **Seed and Fertilizer Hopper**:
  - Total Capacity: **3.660 L** (seeds).
  - **2.440 L** (fertilizer).
- **Efficient Central Load**:
  - Reduces loading times, it requires only one operator, increasing profitability.
- **Hopper bottoms made of stainless steel**:
  - Built entirely of stainless steel, which ensures a longer service life, greater uniformity in the distribution of both seed and fertilizer, reduced maintenance, and increased durability.

FLAT-FLOW SEED AND FERTILIZER DISTRIBUTOR

Its engineering allows lower hydraulic demand, excellent distribution uniformity to each row unit, and fewer performance losses on uneven terrain.

The best results on all types of terrain.

LAND COPY = BETTER YIELD

THE MOST EFFICIENT AIR DRILL FOR NO-TILL SEEDING

FULL-WIDTH PENETRATION IN ANY SOIL CONDITIONS — **NO NEED FOR COUNTERWEIGHTS.**

- **Articulated Chassis**: flexible three-section design that adapts to all ground irregularities.
- **Rocker Arm**: delivers maximum stability in the field and on the road.
- **Wheels**: Front-Row Wheels: in working position, all wheels are ahead of the seed line, ensuring optimal plant emergence across all rows.
- **Headland Lift Assist**: Automatic lift · +25% efficiency. Lower fuel consumption.
- **Hydropneumatic Weight Transfer**: uniform weight distribution, minimized soil compaction, and consistent crop emergence.

FULL CONNECTIVITY ISOBUS®

INTEGRATED AND COMPATIBLE:

- **Full Connectivity**: Agrometal planters with monitors can send and share data directly with the FIELDVIEW platform.
- **Simple and Efficient Integration**, for smarter seeding management.

DRIVE SYSTEM

DVA HYDRAULIC DRIVE

WITH AUTOMATIC HEADLINE SHUT-OFF

- **High-Quality Seeding**: prevents skips and errors.
- **Variable-Rate Application**: according to georeferenced prescriptions.
- **Easy Operation**: fully controlled from the tractor cab.
- **Mechanical Simplicity**: with no drive wheels or gearbox.

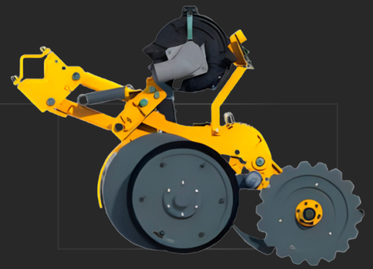
ELECTRIC MOTOR AND COUPLING WITH AGROMETAL - ARAG - TIM SYSTEM

- **Precision and Simplicity**: reliable and user-friendly.
- **Low Operating Cost**: optimized use of resources and reduced expenses.
- **Energy Savings**: lower hydraulic flow and oil pressure requirements from the tractor.

MECHANICAL DRIVE

COARSE GRAINS KIT

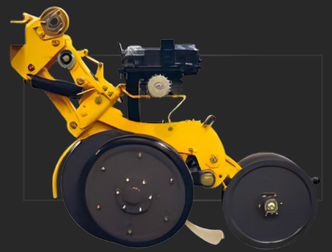
DX PRO® METER



- **High Performance**: excellent coefficient of variation across all seed types.
- **No Calibration or Sorting Required**: optimal results without prior preparation.
- **Fast and Easy**: plate change and adjustment in minutes.
- **Versatile**: multi-crop seeding with no additional adjustments required.
- **Higher Capacity**: large-diameter design allows high and uniform seeding rates.

HORIZONTAL-PLATE METERING SYSTEM

The plate meter works by holding a single seed in each cell of the seed plate (single-grain). There is a dedicated plate for each seed size. Proper plate selection and accurate calibration of seeds are essential for precise planting.



ADX TECHNICAL SPECIFICATIONS

MODEL	SPACING		WORKING WIDTH	ESTIMATED POWER	FOR ALL MODELS	DIMENSIONS
	FINE GRAINS	COARSE GRAINS				
45/19	45/19 cm	23/38 cm	8.55 m	220 hp	TRANSPORT WIDTH	3.5 m
49/19	49/19 cm	25/38 cm	9.31 m	240 hp	TRANSPORT WIDTH	3.5 m
45/21	45/21 cm	23/42 cm	9.45 m	220 hp	TRANSPORT LENGTH	9.5 m
41/21	41/21 cm	21/42 cm	8.60 m	220 hp	TRANSPORT HEIGHT	3.5 m
39/26	39/26 cm	20/52 cm	10,10 m	220 hp	GROUND CLEARANCE	65 cm
49/17.5	49/17.5 cm	12/70 cm	8.57 m			

ADX S

HIGH PERFORMANCE AND VERSATILITY FOR FINE AND COARSE GRAINS

HIGH-CAPACITY HOPPERS

- **High-Capacity Hopper**:
  - Two hoppers with central loading system.
  - Pressurized and equipped with easy-to-operate lids.
  - Total Capacity **6.100 L (seeds only)**.
- **Seed and Fertilizer Hopper**:
  - Total Capacity: **3.660 L (seeds)**.
  - **2.440 L (fertilizer)**.
- **Central Load**:
  - Reduces loading times, it requires only one operator, increasing profitability.
- **Transport Dimensions**:
  - **Width**: 3.5 m
  - **Height**: 4.3 m
  - **Clearance**: 60 cm

SEEDING MODULE

- **LONGITUDINAL DIRECTION**

Copied via rocker arms.
  - 400/60 x22 wheels.
  - Optional: 600/40 x22.

- **TRANSVERSE DIRECTION**

Rigid Chassis Mode:
Wing hydraulic circuit in neutral position.

Articulated Chassis Mode without Weight Transfer: (for soft, fragile soils). Wing hydraulic circuit in float position; operates with the wings' own weight.

Articulated Chassis Mode with Weight Transfer: (for hard, fragile soils) with Land Copy system via a weight transfer valve, always connected to a tractor remote control valve.

Standard: (for soft, fragile soils) No weight transfer in wings (2.75 m). Wing hydraulic circuit in float position.

Optional: (for hard, fragile soils) with a Land Copy–style system using weight transfer valves, always connected to a tractor remote control valve.

FINE GRAINS SEEDING

FINE GRAIN *AND* FERTILIZER DRIVES

- **Mechanical drive with 27-speed gearbox** (Standard)
- **DVA Hydraulic drive** (Optional)
- **ARAG® Electric drive** (Optional)
- **TIM®** (Optional)

COARSE GRAINS KIT

COARSE GRAINS KIT *DRIVES*

- **Mandatory DVA drive**.

SEEDING OPTIONS FOR *COARSE GRAINS*

- **CG Kit w/DX PRO pneumatic meters**.
- **CG Kit w/mechanical single-grain meters**.
- **Broadcast planting at wide spacing for coarse grains**.

SEEDING MONITORING

- **TIM® TS-ORO SEED AND FERTILIZER MONITORING**:
  - 10.4" touch screen.
  - TIM infrared flow sensors for seeds and fertilizers.
- **ARAG Delta 80 SEED AND FERTILIZER MONITORING**:
  - 8.4" touch screen monitor.
  - ISOBUS infrared flow sensors for seeds and fertilizers.

IMPORTANT:
- Monitors a single input in variable-rate mode.
- If not used in ISOBUS mode, it can monitor two or more inputs.

SEEDING TRAIN

ADX S 7M ROW UNIT

- **Row spacing (17.5, 19, 21, 26 cm)**

ADX S TECHNICAL SPECIFICATIONS

CHASSIS	MODEL	FINE GRAINS	COARSE GRAINS	WORKING WIDTH	REQUIRED POWER
7M	ADX S 39 / 17.5	39 / 17.5 cm	10/70; 13/52; 20/35 cm	6.82 m	200 hp
	ADX S 37 / 19	37 / 19 cm	18 / 38 cm	7.03 m	185 hp (*)
	ADX S 33 / 21	33 / 21 cm	17 / 42 cm	6.93 m	170 hp (*)
	ADX S 25 / 26	25 / 26 cm	13 / 52 cm	7.08 m	160 hp (*)

(*) Depending on the rear axle weight of each tractor model, ballast may be required on the rear tires and/or counterweights on the rear axle of the tractor.

ADX Z

PRECISION, STABILITY, AND PERFORMANCE IN THE MOST CHALLENGING CONDITIONS

KEY DIFFERENTIATORS

- **Model**: 39 - 17.5.
- **Stability**: rocker arms + contour-following valve = uniform operation on ridges.
- **Smart Terrain Following (GCI System)**: maintains constant pressure according to the position of the row unit across the levee.
- **Floatability**: large-surface gauge wheels + aggressive cutting discs maintain depth without damaging levees.
- **Precision**: Double Shot flat-flow distribution system maintains consistency even with significant wing oscillation.
- **Durability**: components made of engineering polymers and stainless steel. Hoppers with epoxy-coated bottoms.

ADX Z is an ADX adaptation specifically intended for **rice planting on levee fields**.

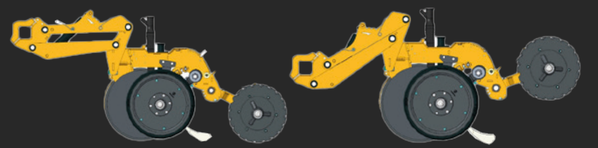
Provides solutions for stability, terrain following, flotation, and precision.

SMART TERRAIN FOLLOWING

SMART TERRAIN FOLLOWING ON THE THREE PLANES.

The **ADX Z GCI System** adapts each row unit to the terrain with extreme precision, maintaining constant pressure even over levees and low spots.

Result: uniform depth across all rows, regardless of terrain irregularities.



ROCKER ARMS + CONTOUR-FOLLOWING VALVE

= TOTAL STABILITY

THE ADX Z

- Executes the three phases of levee formation with a single contour-following stroke, maintaining perfect leveling.
- Prevents tilting and distributes loads evenly across all row units.
- Compensates for terrain oscillations through a rocker-arm system that acts as a “mechanical shock absorber” for surface irregularities.
- Great flexibility in land copying: Four contour-following points (rocker arm; lateral copying of the three wing sections; rear copying of the wing assembly; and high-range parallelogram copying), ensuring precise adaptation to soil irregularities.
- Thanks to excellent weight transfer and distribution, the formation of critical soil compaction points is prevented.

RESULT: UNIFORM AND CONSISTENT SEEDING, EVEN UNDER THE MOST DEMANDING RICE FIELD CONDITIONS.

SEEDING PRECISION

The pneumatic delivery system with flat-flow distributors ensures superior seeding quality, even under vibration or uneven terrain conditions.

RESULT: SOW UNCLASSIFIED RICE WITH OUTSTANDING PERFORMANCE.

- **Consistent flat flow** across the full working width.
- **Coefficient of variation: 6.5%**. Significantly below the acceptable limit in air drill systems (10%).
- **Row-to-row consistency,** even in irregular soil conditions.

DURABILITY AND HEAVY-DUTY MATERIALS

- Double-shot distribution for seeds and fertilizer.
- Hopper with epoxy coating for high chemical resistance.
- Stainless steel and engineered polymer components.
- Mechanical, hydraulic, or electric transmission as required.

RESULT: TECHNOLOGY ENGINEERED FOR DURABILITY, DESIGNED TO WITHSTAND LONG-TERM EXPOSURE TO WATER AND HIGH HUMIDITY.

FLOATABILITY

- Effective flotation with controlled penetration.
- Large surface gauge wheels stabilize the row unit without compacting the soil, maintaining consistent depth without damaging soil structure.
- 16” and 15” disc openers produce a precise, localized cut that improves penetration even in the hardest soils.
- Long covering wheel assembly ensures effective furrow covering, protecting the seed line and preventing water loss from runoff.

RESULT: DEEP, UNIFORM SEEDING WITHOUT DAMAGING THE LEVEES.

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