The years of experience in the industry have equipped us with the skills, dexterity and ability to solve problems. As a result, we have gained the confidence of many farmers who know that IDM always meets their needs. The innovative ideas we contribute to the agricultural industry represent advantages as significant as efficiency and profitability for the farmer. idm, Machines for Intelligent Agriculture
**GENERALES CHARACTERISTICS**

- Machine recommended by pesticide manufacturers.
- Optimum size for protected crops.
- Optimizing the use of agrochemicals.
- Maximum security and quality of treatments.
- Greater profitability for its high work capacity and efficiency in the treatment.
- Low maintenance and easy handling.

**MOTOR DETAILS**

- Motor Diesel LDW 1003 FOCS.
- Power 26,5 CV.
- Transmission Hydrostatic of double hydraulic system with piston pumps of variable flow.
- Drive 6X6 width independent hydraulic engine.

**WEIGHTS AND DIMENSIONS**

- Empty weight 700 Kg.
- Total length 2300 mm.
- Height with no nozzles 1890 mm.
- Total width 750 mm.
- Wide train wheels 850 mm.

**SPRAYING SYSTEM**

- Main tank 400 l.
- Pump Piston 50 l. a 40 l bar.
- Treatment Bars Adaptable width and height for farming.
- Spray nozzle Tri-directional flow Ceramic plate and 80º hollow cone.
Agricultura Rentable

6x6 INDEPENDENT HYDRAULIC ENGINE

CONFORT BIOLOGICAL CONTROL

MANOEUVRABILITY OPTIMUM SIZES TOTAL SECURITY

A NEW CONCEPT FOR THE GREENHOUSES & OPEN FIELD AGRICULTURE SPRAYING
TECHNICAL CHARACTERISTICS

GENERAL
• 360º spin from traction group.
• Perfect driving in reduced spaces.
• We always move forward.
• Total stability in unstable ground.
• Easy and minimal maintenance.
• Great work capacity with little investment.

MOTOR DETAILS
• Diesel Motor Lombardini 15LD 350 (7,5 CV).
• Petrol Motor Lombardini LGA 280, (9 CV).
• Transmission 2 speed gear box
• Maximum speed 20 Km/h.
• Brakes Disc with dual piston floating caliper.

LOAD
• Pallet jack with electro-hydraulic lift bar 100.
• Automatic tilt load system.
• Battery: 200 Amp. No maintenance.
• Maximun load: 850 Kg.
• Weight: Int. 1100 mm, Ext. 1550 mm.
• Total lenght: 2950 mm.

THE MOST EFFICIENT WAY TO MOVE PALLETS IN AGRICULTURAL SOILS
Agricultura Rentable platform

TECHNICAL CHARACTERISTICS

GENERAL
- 360º spin from traction group.
- Perfect driving in reduced spaces.
- We always move forward.
- Total stability in unstable ground.
- Easy and minimal maintenance.
- Great work capacity with little investment.
- Anti-displacement side rails.

MOTOR DETAILS
- Diesel Motor: Lombardini 15LD 350 (7.5 CV).
- Petrol Motor: Lombardini LGA 280, (9 CV).
- Transmission: 2 speed gear box.
- Maximum speed: 20 Km/h.
- Brakes: Disc with dual piston floating caliper.

LOAD
- Maximum load: 850 Kg.
- Platform: 2000 x 1000 mm
- Total length: 3100 mm.

THE FASTEST MACHINE FOR CRATES, PLANTS, OR FOR MOVING ANY OBJECT OR LOAD.
CARACTÉRISTIQUES TECHNIQUES

GÉNÉRAL
• Rotation 360º du groupe de traction.
• Grande manœuvre dans les espaces réduits.
• Nous conduisons toujours vers l'avant
• Stabilité totale sur les terrains difficiles
• Entretien facile et minimum
• Grande capacité de travail avec peu d'investissement.

GRUPO DE TRACCIÓN
• Moteur Diesel Lombardini 15LD 350 (7,5 CV).
• Moteur essence Lombardini LGA 280, (9 CV).
• Transmission 2 vitesses avec embrayage multidisque lubrifié
• Vitesse maximale 20 Km/h.

SYSTÈME DE FUMIGATION
• Capacité de réservoir 400 l.
• Groupe motopompe Diesel ou essence (suivant le groupe de traction)
• Barras de traitement Adaptables à la culture en largeur et hauteur
• Buses de pulvérisation Orientables (option : triple débit.)
• Largeur 750 mm.
• Longueur 2700 mm.

EFFICACITÉ AU PRIX LE PLUS COMPÉTITIF
TECHNICAL CHARACTERISTICS

GENERAL
• Maximum maneuverability with the directional traction system of 180º.
• Ballast tripod for great stability.
• Super wide 240 mm tires.
• Steering wheel and rails adjustable in height.
• Aluminum grid skid platform.
• Rear wheels adjustable in width.
• Floating control knobs.

WEIGHTS AND DIMENSIONS
• Weight 275 KG
• Total Length 1500 mm
• Minimum width 850 mm
• Maximum width wheels 1100 mm
• Maximum platform height 1760 mm
• Maximum height for work 3500 mm
• Working platform 1000 x 600 mm

MOTORIZACIÓN
• Motor-reducer 0.5 hp and 24 V permanent magnet.
• 2 Acid-Lead Batteries in series 12V 148 Ah
• Maximum speed 40 m/min.
• Ramp acceleration and smooth braking.
• Electronic variable speed.

A3R - 1700 ITS GREAT TURNING FACILITY ENABLES DRIVING IN VERY REDUCED SPACES
TECHNICAL CHARACTERISTICS

GENERAL

• Maximum maneuverability in aisles, with central axel automatic lifting.
• Double scissor lift hydraulic platform.
• Low gravity center design.
• Dimensions adapted to frameworks of high density planting.
• Joints with self-lubricated bushings.
• Aluminum grid skid platform.

MOTOR DETAILS

• Motor-reducer 0.5 hp and 24 V permanent magnet.
• Double battery, 148 Amp traction and automatic charger.
• Hydraulic Power 1/2hp and 24hp 100 bar.
• Ramp acceleration and smooth braking.
• Electronic variable speed.

WEIGHTS AND DIMENSIONS

• Weight 320 KG
• Total length 2000 mm
• Wide chassis 570 mm
• Platform elevation 2800 mm
• Maximun working height 4500 mm
• Working Platform 2000 x 470 mm

IDEAL FOR HIGH-DENSITY CULTIVATION WITH PIPE-RAIL
Agricultura Rentable

Fumirail

TECHNICAL CHARACTERISTICS

GENERAL
• Double electric motor release and retrieval of hose.
• Maximum speed: 70 m/min
• Control of forward and reverse speeds, smooth acceleration and breaking.
• Long battery life, battery level indicator.
• Revolving nozzles with anti-drip system.
• Power circuit protected by thermo magnetic switch.
• Platform with non-slip floor covering.

MOTOR DETAILS
• Automatic hose winder.
• Directional nozzles to adapt the fumigation conditions to the nature of the crop.
• Controllable forward and reverse speed.
• Maximum speed: 40 m/min
• Ramp acceleration and smooth braking.
• Electronic variable speed.

WEIGHTS AND DIMENSIONS
• Weight 250 KG.
• Total Lenght 1900 mm.
• Width 500 mm.
• Total height 1800 mm.
• Lenght of hose 100 m.
• Client can adjust width of cylinder

THE FUMIRAIL IS THE MOST EFFICIENT SYSTEM FOR CARRYING OUT SPRAYING TREATMENTS IN PIPE RAIL GREENHOUSE