



idm, Machines for Intelligent Agriculture

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.



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.

fumimatic

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
- Pump
- Treatment Bars
- Spray nozzle

400 l.
Piston 50 l. a 40 l bar.
Adaptable width and height for farming.
Tri-directional flow
Ceramic plate and 80° hollow cone.



Agricultura Rentable



6x6 INDEPENDENT HYDRAULIC ENGINE



CONFORT



BIOLOGICAL CONTROL

A NEW CONCEPT FOR THE GREENHOUSES & OPEN FIELD AGRICULTURE SPRAYING

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MANOEUVRABILITY



OPTIMUM SIZES



TOTAL SECURITY



Agricultura Rentable



TECHNICAL CHARACTERISTICS

GENERAL

- 360° 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.

- Maximum speed 20 Km/h.
- Brakes Disc with dual piston floating caliper.

MOTOR DETAILS

- Diesel Motor Lombardini 15LD 350 (7,5 CV).
- Petrol Motor Lombardini LGA 280, (9 CV).
- Transmission 2 speed gear box

LOAD

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

THE MOST EFFICIENT WAY TO MOVE
 PALLETS IN AGRICULTURAL SOILS

pallet jack



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 - 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

platform





CARACTÉRISTIQUES TECHNIQUES

GÉNÉRAL

- Rotation 360° du groupe de traction.
- Grande manoeuvrabilité 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.

- Freins Disque avec pince flottante à double piston

SYSTÈME DE FUMIGATION

- Capacité de réservoir 400 l. Diesel ou essence (suivant le groupe de traction)
- Groupe motopompe
- 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

fumigateur 400





TECHNICAL CHARACTERISTICS

GENERAL

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

- 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

WEIGHTS AND DIMENSIONS

- Weight 275 KG

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.

ITS GREAT TURNING FACILITY ENABLES DRIVING
IN VERY REDUCED SPACES

A3R - 1700



Agricultura Rentable



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
- Maximum working height 4500 mm
- Working Platform 2000 x 470 mm

IDEAL FOR HIGH-DENSITY CULTIVATION WITH PIPE-RAIL
ACH - 2800





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 braking.
- 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
- Total Length
- Width
- Total height
- Length of hose
- Client can adjust width of cylinder

250 KG.
1900 mm.
500 mm.
1800 mm.
100 m.

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

Fumirail

