

THE OPTIMA RANGE



OPTIMA RANGE AT A GLANCE

Ø 75 > Ø 125

De 225 à 650 m

1005

1010

1015

1020

1021

1027

1032

1037

1045

1055

Automatic lifting of the trolley

A lifting device adaptable to all field conditions.

- 100% hot dip galvanized steel trolley, articulated to prevent crop washing damages*.
- Equipped with skid or wheel kit.
- Various configurations available to meet your requirements :offset, central, high, low.
- Constant rain-gun angle for any gradient.

Turbine - performance and versatility

- Cast iron on all models except 1045 and 1055 in aluminium.
- Wide cross section, low-pressure loss.
- Wide range of flow rates, very high torque.

Transmission

- Various speed gearbox suiting light to heavy Applications: Irrigation misting and spreading
- Automatic unwinding brake.
- Tractor PTO rewind.

Winding safety

- Front back drum sensor for a better protection of the PE tube.

Stabilisers

- 100% hot dip galvanized.
- Mechanical pinion drive or hydraulic drive according to the model

Safety

- Designed distribution of loading pressure for a maximum stability
- Low centre of gravity
- Mechanical control of the automatic clutch
- Long reach stabiliser legs for maximum ground anchorage

"V" Profile chassis

- High mechanical strength,
- Height adjustable towing eye (except on 1000 / 1005 /1010),
- High resistance Epoxy paint or galvanised,
- Full hydraulic for boggie chassis optional on 1026-1031-1036 standard on 1045 -1055

Turntable Rotation

- Turntable rotation and tabilisers are mechanical for 1005-1010 PACK ESSENTIEL and hydraulic for all other products.
- Multi- positions rotation angle,
- High gear ratio for an easy rotation
- Secured system with automatic safety lock.

Winding Control

- Mechanical drive with sensor (1005 -1010)
- Electronic management through Irricontrol or Irridoseur

Electronic Control

- Mono-block device, solenoid valves and pressure switch
- Easy to operate
- High protection

Hydraulic System from 1005 ato 1020 Packs MEDIUM and PREMIUM and on all EXCELLIUM Packs. The IRRIFRANCE hydraulic functionalities include all the components for the easiest use and fast execution in operations.

- Three hydraulic functions from a distributor mounted on front jack: stabilisers, rotation of the turntable and front jack.
- Standalone hydraulic system for the Trolley

EQUIPMENT FOR ROAD

BRAKED AXLES AND ROAD LIGHTS OPTIONS AVAILABLE FOR OPTIMA RANGE



BRAKING SYSTEM

Description of the equipment for road traffic at 25km/H

- Specific tire mounting 25km/h - Braked axles for a technically permissible axle mass greater than 3.5 tonnes
- Parking brake
- Secondary attachment in the event of a broken coupling for a technically permissible axle mass of less than 3.5 tonnes
- Brake control in the event of a broken coupling for a technically permissible axle mass greater than 3.5 tonnes
- Brake control in the event of a broken coupling for a technically permissible axle mass greater than 3.5 tonnes with a rupture ring at 60 kilograms.

ROAD LIGHTS

Lighting and regulatory signaling device:

- At the rear of the machine: Position lights, brake lights, direction indicators, red triangular reflector.
- Lateral reflective device: Three in number on each side of the vehicle and orange in color
- Additional reflective device: 4 retro reflective red and white panels placed at the side ends, 2 facing the front, 2 facing the rear
- Special lights: A rotating beacon on the left side, a rotating beacon on the right side

For more information, please contact IRRIFRANCE sales department.

