

# THE OPTIMA RANGE



**Du Ø 63 to Ø 135**

**De 225 m to 750 m**

1005

1010

1015

1020

1026

1031

1036

1045

1055



The optimal solution

## Optima range at a glance

### 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.
- Automatic unwinding brake.
- Tractor PTO rewind.

### Winding safety

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

### Stabilisers

- 100% hot dip galvanised.
- 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 tandem axle chassis optional on 1026-1031-1036 standard on 1045 -1055

### Turntable Rotation

- Mechanical with standard automatic locking on 1005 - 1010,
- Mechanical or hydraulic on other models,
- 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

Option on 1005 to 1020 / Standard on 1026 to 1055 :

- Stabilisers powered from tractor distributor
- 2 hydraulic functions: stabilizers + rotation of the turntable
- 3 hydraulic functions mounted on front jack: stabilisers, rotation of the turntable, front jack.

\* Trolley equipment :

- standard for 1000-1005-1010 : pendular trolley
- Optional for 1005 1010 : articulated anti crops washing trolley

# COMPLEMENTARY OPTIONS

## Gun equipments



**Nelson SR 75**



**Nelson SR 100**



**Nelson SR 150**



**Komet Twin 101**



**Komet Twin 140**



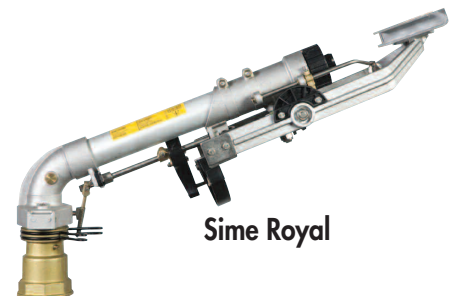
**Komet Twin 160**



**Sime Jolly**



**Sime Reflex**



**Sime Royal**

For further information, contact your Irrifrance sales representative.

## Main options

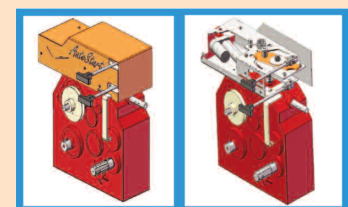
- Trolley rise kit 0,24 m\*
- Hooking 3 points system for tractor
- Hitch Kit 3 points offset
- Pressure transmittor kit Irridoseur
- Distribution kit Optima Irridoseur
- Distribution kit Optima
- GSM option for Irridoseur without irriridoseur 4 panel, without card SIM
- Beacon kit Irridoseur
- Autostart box 200m/k(except serie 2000)
- Reception kit for trolley optima in hill
- Extra cost for 2 cast iron weights
  - standard : 2 weights for Trolley for 1015 & 1020
  - 4 weights from 1026, 2000 & Premium range

\*Needs extra ballasting of the trolley

Please consult us for any other PR length

Non contractual document, all data can be modified at any time without notice

### KIT AUTOSTART



**Optional from Optima 1026 and above**

Easy starting irrigation kit, at the pressurization time without having to return to the reel machine after hose run.

