

OPTIMA 1005 - 1010



1005

Ø 75 - 300 m
Ø 82 - 260 m

1010

Ø 75 - 380 m
Ø 82 - 300 m
Ø 90 - 270 m

Standard equipment

- Motorization Turbine or Irricontrol Turbine
- Regulation through electric motorised butterfly valve
- Connection hose Ø 3" length. 6 m with 3" HR male coupler /3"FLD male coupler.
- Automatic lifting trolley device.
- Manual turntable with automatic locking.
- Mechanical stabilizers..
- PTO shaft
- High and galvanized trolley with adjustable track
- Pendular trolley preventing crop-washing damages
- Part circle gun KOMET Twin 101 with nozzles Ø 16, 18, 20 et 22

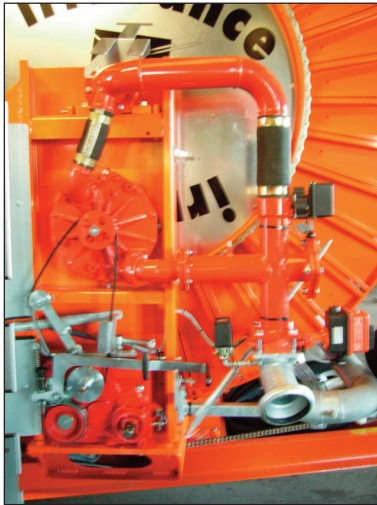
Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m ³ /h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
Optima 1005	ø 75	300	5,5	70%	12 - 35	6 - 9	48 - 66	2,0
	ø 82	260	6	50%	17 - 45	5,5 - 9	54 - 72	1,9
Optima 1010	ø 75	380	5,5	40%	12 - 32	6 - 10	48 - 66	2,5
	ø 82	300	6	70%	17 - 45	5,5 - 9,5	54 - 72	2,2
	ø 90	270	6,7	60%	18 - 60	5,5 - 10	54 - 78	2,3



The optimal solution

*RLL : recovery last layer



Turbine motorization



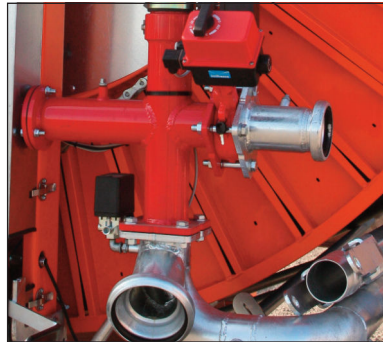
Automatic shut-off valve VA



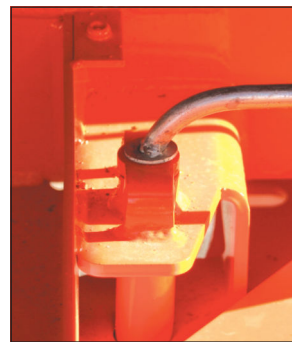
Automatic pendular trolley lifting



Butterfly valve controlled by electric motor



Discharge valve VD



Mechanical rotation of the turntable with automatic locking



Equipment

Equipment (mandatory) :

- Electric stop systems :
 - Shut-off valve or discharge electric valve Automatic shut off valve 1005-1010.
 - Skid kit or wheel kit

Optional equipment

- Trolley :
 - Option adjustable way for trolley 1.40 m
 - Offset trolley OPTIMA
 - Offset high trolley (h:1,40m)
 - Gun centring kit for offset trolley
 - Trolley guide OPTIMA se 2011
 - Option articulated anti crops washing trolley (without cast iron weight) :
 - Trolley fixed track h 0.90m 1005 1010 with ski or wheel kit

• Optional mechanical equipment :

- Mechanical turntable kit 1005-1010
- Adjustable front jack 1020
- Hydraulic stabilizers 1005-1020
- Hydraulic turntable and stabilizers 1020
- Complete hydraulic kit 1005-1010* :
- Extra cost galvanized turntable and chassis 1005-1020
- * This kit contains turntable, stabilizers and front jack

Technical characteristics

Model	Height (m)	Width (m)	Length ex trolley (m)	Length in trolley (m)	Height under frame	Tyres	Weight ex water	Weight inc water
1005	2,76	2,28	5,25	6,30	0,32	10.0/80 x 12	1950	2950
1010	2,90	2,28	5,25	6,30	0,32	10.0/80 x 12	2100	3300