OPTIMA 1015 - 1020

1015

Ø 75 - 400 m
Ø 82 - 350 m
Ø 82 - 370 m
Ø 90 - 340 m
Ø 100 - 260 m

1020

Ø 82 - 420 m
Ø 90 - 400 m
Ø 90 - 450 m
Ø 100 - 330 m
Ø 100 - 370 m
Ø 100 - 410 m
Ø 110 - 340 m

irrifrance
The optimal solution

Standard equipment

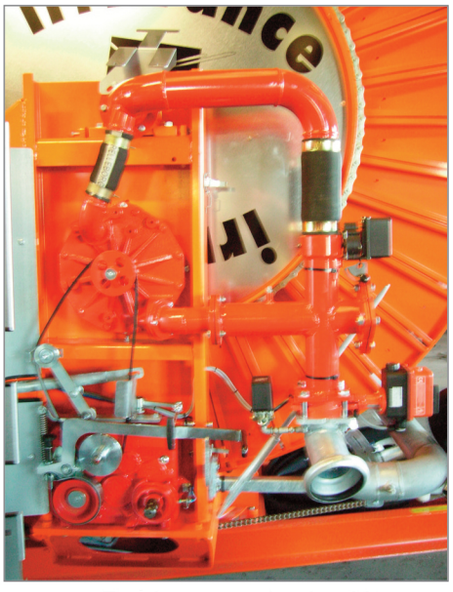
- Motorization **turbine Irricontrol or turbine Irridoseur**
- Connection hose Ø 4" length 4 m with HR male 4" coupler and FLD male 4" coupler.
- Part circle gun KOMET Twin 140 for Ø 100 and Ø 110 + nozzles Ø 22, 24, 26 et 28
- Automatic trolley lifting.
- Manual front jack.
- Mechanical turntable.
- Mechanical stabilisers.
- Double supply pipe.
- PTO shaft.
- Galvanized and articulated trolley, high 0,90 m, fixed track 1,75 m, equipped with 2 cast iron weights and anti crops washing system.
- Part circle gun KOMET Twin 101 for Ø 75, Ø 82 and Ø 90 + nozzles Ø 16, 18, 20, 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 1015	Ø 75	400	6,8	70%	18 - 30	5,5 - 10	54 - 60	2,6
	Ø 82	350	6	50%	18 - 40	5,5 - 10	54 - 66	2,5
	Ø 82	370	6	70%	18 - 40	5,5 - 10	54 - 66	2,5
	Ø 90	340	6,7	60%	18 - 58	5,5 - 10	54 - 78	2,6
	Ø 100	260	7,4	80%	18 - 70	5,5 - 10	54 - 84	2,6
Optima 1020	Ø 82	420	7,5	70%	23 - 37	5,5 - 10	54 - 66	2,7
	Ø 90	400	6,7	80%	23 - 50	5,5 - 11	54 - 78	2,9
	Ø 90	450	8,2	35%	25 - 45	5,5 - 11	54 - 78	3,3
	Ø 100	330	7,4	40%	23 - 70	5,5 - 10	66 - 84	3,1
	Ø 100	370	7,4	80%	23 - 60	5,5 - 10	66 - 84	3,5
	Ø 100	410	7,4	30%	23 - 60	5,5 - 10	66 - 84	3,7
	Ø 110	340	8,2	80%	23 - 75	5,5 - 10	72 - 90	3,6

**RLL : recovery last layer*

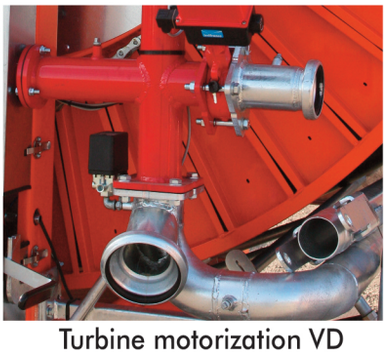
Supply tubing with integrated valve



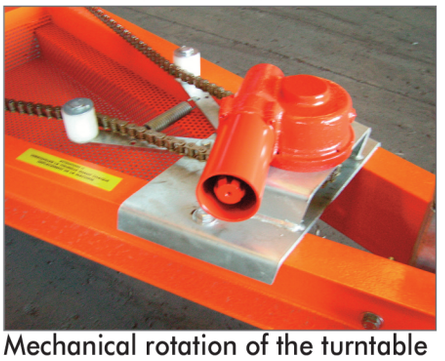
Turbine motorization VA

Automatic trolley lifting preventing crop-washing damages

Double supply pipe



Turbine motorization VD



Mechanical rotation of the turntable

Equipment

Equipment (mandatory) :

• Electric stop systems :
- - Shut-off valve or discharge electric valve.
- 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 2011

• Optional mechanical equipment :
- Adjustable jack
- Hydraulic stabilisers
- Hydraulic rotation + stabilizers
- Full hydraulic set :
  This kit contains turntable, stabilizers and front jack

• Others options
- Tyres 31/15.5 X 15
- Galvanised frame
- Connection hose for discharge valve 6m HR Ø 100
- Hydraulic lifting of boom trolley
- Elbow VD 3" mâle
- Boom lifting kit

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
1015	2,99	2,28	5,00	6,30	0,32	10 x 0,75 x 15	2400	3900
1020	3,16	2,32	5,10	6,40	0,32	10 x 0,75 x 15	2900	4900

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The optimal solution