

OPTIMA 1027 - 1032 - 1037



OPTIMA 1027 with galvanization option

1027

Ø	90 - 500 m
Ø	100 - 400 m
Ø	100 - 450 m
Ø	100 - 470 m
Ø	110 - 370 m
Ø	110 - 400 m
Ø	110 - 420 m

1032

Ø	100 - 500 m
Ø	100 - 540 m
Ø	110 - 450 m
Ø	110 - 470 m
Ø	110 - 500 m
Ø	120 - 370 m
Ø	120 - 380 m
Ø	125 - 350 m
Ø	125 - 360 m

1037

Ø	100 - 550 m
Ø	100 - 600 m
Ø	110 - 510 m
Ø	110 - 530 m
Ø	110 - 550 m
Ø	110 - 570 m
Ø	120 - 400 m
Ø	120 - 420 m
Ø	125 - 385 m
Ø	125 - 400 m
Ø	125 - 410 m
Ø	135 - 370 m
Ø	135 - 390 m

Hydraulic Performances

Model	Ø PE	Length (m)	PE Thickness (mm)	RLL*	Flow rate (m³/h)	Inflow pressure (bars)	Irrigated strip width (m)	Average area (ha)
Optima 1027	Ø 90	500	8,2	50%	25 - 40	6 - 10	66 - 72	3,6
	Ø 100	400	7,4	30%	30 - 60	6 - 10	72 - 84	3,4
	Ø 100	450	9,1	40%	30 - 55	6 - 10	66 - 78	3,5
	Ø 100	470	9,1	100%	30 - 55	6 - 10	66 - 78	3,6
	Ø 110	370	8,2	40%	30 - 75	6 - 10	72 - 90	3,3
	Ø 110	400	8,2	70%	30 - 80	6 - 10	72 - 90	3,6
Optima 1032	Ø 110	420	10	90%	30 - 65	6 - 10	72 - 84	3,9
	Ø 100	500	9,1	50%	30 - 50	6 - 10	72 - 78	3,9
	Ø 100	540	11	85%	35 - 48	7 - 10	72 - 78	4,3
	Ø 110	450	10	40%	40 - 65	6,2 - 10	72 - 84	3,8
	Ø 110	470	10	55%	40 - 65	6,2 - 10	72 - 84	3,9
	Ø 110	500	10	80%	40 - 65	6,2 - 10	72 - 84	4,2
Optima 1037	Ø 120	370	8,9	80%	30 - 90	6 - 10	72 - 90	3,4
	Ø 120	380	8,9	90%	30 - 90	6 - 10	72 - 90	3,4
	Ø 125	350	11,4	70%	30 - 92	6 - 10	72 - 90	3,1
	Ø 125	360	11,4	85%	30 - 92	6 - 10	72 - 90	3,2
	Ø 100	550	11	40%	35 - 48	7 - 10	72 - 78	4,4
	Ø 100	600	11	80%	35 - 48	7,5 - 10,5	72 - 78	4,7
	Ø 110	510	12,3	30%	40 - 65	6,3 - 10,2	72 - 84	4,3
	Ø 110	530	12,3	60%	40 - 61	6,8 - 10,4	72 - 84	4,5
	Ø 110	550	12,3	75%	40 - 61	6,9 - 10,6	72 - 84	4,6
	Ø 110	570	12,3	90%	40 - 61	7 - 10,7	72 - 84	4,8
	Ø 120	400	11,4	70%	40 - 90	5,4 - 10,3	72 - 96	3,7
	Ø 120	420	11,5	90%	40 - 90	5,4 - 10,5	72 - 96	3,8
Ø 125	385	11,4	75%	40 - 92	5,2 - 9,7	72 - 96	3,5	
Ø 125	400	11,4	80%	40 - 92	5,2 - 9,8	72 - 96	3,7	
Ø 125	410	11,4	95%	40 - 92	5,3 - 9,9	72 - 96	3,8	
Ø 135	370	10	75%	40 - 100	5 - 9	72 - 96	3,5	
Ø 135	390	10	95%	40 - 100	5,1 - 9,1	72 - 96	3,6	

Technical specifications

Model	Height (m.)	Width (m.)	Length ex trolley (m.)	Length in trolley (m.)	Height under frame (m.)	Tyres	Weight ex water	inc water
Optima 1027	3,74	2,43	5,7	7,25	0,36	11,5 x 80 x 15,3	5350	8112
Optima 1032	3,78	2,43	5,7	7,25	0,36	11,5 x 80 x 15,3	5430	8767
Optima 1037	3,86	2,53	5,7	7,25	0,36	11,5 x 80 x 15,3	5570	9732

*RLL : recovery last layer

SIMPLE AXLE EXCELLIUM PACK



Motorization system



Double supply pipe
and tool rack option



Hydraulic front jack



Hydraulic stabilizers



Hydraulic rotation of the turntable

EXCELLIUM PACK

A very performant product family, pre-equipped with full hydraulic ,
for a high maneuverability in use

Standard configuration :

- IRRIDOSEUR Turbine Motorization
- Standard painted version
- Hydraulic jack and turntable (front 4 ways)
- Hydraulic stabilizers and standalone hydraulic lift
- Wheels set 400 x 60 x 15,5 14 plys with adjustable track from 1800 to 2100 mm
- Part circle gun KOMET 101 ULTRA 24° for 90 (nozzles kit set 16, 18, 20, 22)
- Part circle gun KOMET 140 ULTRA 24° for 100 to 110 (nozzles kit set 22, 24, 26, 28)
- Part circle gun KOMET 140 ULTRA 24° for 120 to 125 (nozzles kit set 24, 26, 28, 30)
- 2008 Trolley basis including the front wheel, Skid kit not compatible
- As standard, roll kit included, an outer guide which prevents friction of the polyethylene.
- Double supply pipe, so you can easily connect the reel machine regardless of the turntable rotating adopted.
- Flexible connector hose Ø90x2.7, length 6 meters
- Tractor PTO shaft

All IRRIDOSEUR options are available, see the full description on page 8.

A galvanized frame version is available for the all family product.

Mandatory equipment :

- Motorized butterfly valve: depending on your type of water supply: network or individual pumping, you can either have an automatic valve, a discharge valve, or a dual valve that supports both: automatic and discharge.
- For the discharge valve a hose or an elbow is proposed to direct the flow of water towards the ground during the discharge.
- Two 2008 Trolley Pack available: High legs front Pack and High legs offset Pack.

Optional equipment:

- Trolley guide kit for 2008 series, according to the plot and the type of soil or crop.
- Gun centring kit for offset trolley
- Trolley riser kit (0.24 m) which can be added to the High Legs Pack. It is therefore recommended to ballast the trolley with the additional 2 cast iron weights.
- Lifting kit for boom Briggs type
- The three-point anchorage and offset hitch kits for connecting your reel machine to the tractor using the three-point hydraulic of the tractor.