

OPTIMA 1027 - 1032 - 1037



1027 Boggie
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
	Ø 120	370	8,9	80%	30 - 90	6 - 10	72 - 90	3,4
Optima 1037	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	4,02	2,43	5,7	7,61	0,56	10 x 75 x 15,3	6046	8807
Optima 1032	4,09	2,43	5,7	7,61	0,56	10 x 75 x 15,3	6130	9462
Optima 1037	4,10	2,53	5,7	7,61	0,56	10 x 75 x 15,3	6265	10427

*RLL : recovery last layer

BOGGIE EXCELLIUM PACK



Motorization system



Double supply pipe and Tool rack option



Lifting of the trolley option



Retractable front jack



Hydraulic stabilizers



Adjustable tandem axle

EXCELLIUM PACK

Four wheels version, high stability, all hydraulic, you benefit from all the functionalities of the OPTIMA range.

Standard configuration :

- IRRIDOSEUR IRRIDOSEUR Turbine Motorization
- Standard painted version
- Hydraulic jack and hydraulic turntable (front 2 ways)
- Hydraulic stabilizers and hydraulic standalone lift (rear 3 ways)
- 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 135 (nozzles kit set 24, 26, 28, 30)
- 2008 Trolley basis including the front wheel, Skid kit not compatible
- Front tool basket and rear tool holder built into the frame included, for the storage of your VBZ connection tools, hose connector...
- 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

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 possible packs for tires to choose according to the type of crop: with adjustable track from 1800 to 2250:
Offset Pack 4 Wheels set 400x60x15,5 14 plys or Pack 4 Wheels set 11,5 x 0,8 x 15,3 - 14 plys
- 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.
- For use in rear unwinding, two additional options are to be selected: rear unwinding kit and hydraulic anchorage kit for trolley.

**All IRRIDOSEUR options are available, see the full description on page 8.
A galvanized frame version is available for the all family product.**