

OPTIMA 1045 - 1055



Boggie 1045 with galvanization option

EXCELLIUM PACK

Sit-down machine, a family product range, recognized for its technical performances and durability

CAST TURBINE: TS2 Low Flow

This engine allows this machine range to expand their reach and to work with lower flow rates and higher speeds, allowing access to this equipment for restricted flow operations, and applications low dose crop raising (potato, beet, etc.).

or **ALU TURBINE:** for more classic use.

1045	
Ø	110 - 560 m
Ø	120 - 460 m
Ø	120 - 520 m
Ø	125 - 440 m
Ø	125 - 500 m

1055	
Ø	110 - 650 m
Ø	120 - 620 m
Ø	120 - 640 m
Ø	125 - 600 m

Hydraulic Performances								
Model	Ø PE	Length (m)	PE Thickness (mm)	RLL*	Flow rate (m ³ /h)	Inflow pressure (bars)	Irrigated strip width (m)	Average area (ha)
Optima 1045	Ø 110	560	12,3	100%	40 - 58	7 - 10	72 - 84	4,6
	Ø 120	460	11,5	30%	40 - 80	7 - 10	72 - 90	4,1
	Ø 120	520	11,5	90%	40 - 80	7 - 10	72 - 90	4,4
	Ø 125	440	11,4	30%	40 - 90	7 - 10	72 - 90	4,4
	Ø 125	500	11,5	90%	40 - 90	7 - 10	72 - 90	4
Optima 1055	Ø 110	650	12,3	70%	40 - 75	8 - 11	72 - 90	5,0
	Ø 120	620	13,2	80%	40 - 70	7 - 11	72 - 90	5,5
	Ø 120	640	13,4	95%	40 - 70	7 - 11	72 - 90	5,7
	Ø 125	600	14,0	80%	40 - 80	6,5 - 11	72 - 90	5,3

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 1045	4,24	2,66	7,00	7,88	0,52	11,5 x 0,8 x 15,3	6620	11869	
Optima 1055	4,37	2,66	7,00	7,88	0,52	11,5 x 0,8 x 15,3	6700	13247	

*RLL : recovery last layer

BOGGIE EXCELLIUM PACK



Motorization system



Hydraulic stabilizers



2000 series articulated trolley and hydraulic lifting frame



Rear view

Standard configuration :

- Motorization Turbine IRRIDOSEUR
- You can choose: Francis type aluminum turbine or TS2 Pelton cast iron turbine
- 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 125 (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:

- Alu ou Cast Turbine Pack
- 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
- Gun centring kit for offset trolley
- For use in rear unwinding, two additional options are to be selected: rear unwinding kit and hydraulic anchorage kit for trolley.
- Compresseur, nous consulter

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