

1050 VPS - 1055 VPS



1050 VPS with galvanization option

EXCELLIUM PACK

An acclaimed machine to its technical performance in all Europe, available on two types of turbines

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 for crop raising (potato, beet, etc.).

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

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

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

1050 VPS

Ø	110 - 560 m
Ø	110 - 600 m
Ø	120 - 520 m
Ø	125 - 500 m

1055 VPS

Ø	110 - 650 m
Ø	120 - 620 m
Ø	125 - 600 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)
1050 VPS	Ø 110	560	12,3	100%	40 - 60	7 - 10	72 - 84	4,6
	Ø 110	600	12,3	21%	40 - 60	7 - 10	72 - 84	4,7
	Ø 120	520	11,5	90%	40 - 80	7 - 10	72 - 90	4,4
	Ø 125	500	11,4	90%	40 - 90	7 - 10	72 - 90	4,4
1055 VPS	Ø 110	650	12,3	70%	40 - 52	8 - 11	72 - 84	5,2
	Ø 120	620	13,2	80%	40 - 70	7 - 11	72 - 90	5,3
	Ø 125	600	14,0	90%	40 - 80	6,5 - 11	72 - 90	5,3

Technical specifications

Model	Height (m)	H Sit down (m)	Width (m.)	Length ex trolley (m)	Length in (m)	Height under frame	Height Gooseneck	Tyres	Weight ex water	Weight inc water
1050 VPS	3,70	3,45	3,06	5,10	6,28	0,35	0,34	385 x 65 x 22,5	6500	9800
1055 VPS	3,88	3,63		5,60	6,78				7620	11300

*RLL : recovery last layer

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Motorization system



Hydraulic front jack



Chain and pinion drive



Tool rack



Hydraulic stabilizers



1



2

Standard configuration :

- Turbine Aluminum type Francis or Turbine cast TS2 type Pelton
- Turbine drive IRRIDOSEUR motorized with electric butterfly valve
- Standard painted version
- Wheels set 385x65XR22,5 standard track 2600
- Part circle gun KOMET Twin 101 ULTRA 24» with nozzles kits 16, 18, 20 and 22 on Ø 100 and 110
- Part circle gun KOMET Twin 140 ULTRA 24» with nozzles kit 24, 26, 28 and 30 on Ø 120 and 125
- Galvanized and articulated trolley with 4 cast iron weights and equipped with 2 wheels
- Automatic trolley hooking at the end of the position
- Sit down system during irrigation
- Trolley lifting device connected with hydraulic lifting stabilizers
- Wheel lifting system separate left and right
- Hydraulic turntable
- Hydraulic stabilizers
- Hydraulic front jack
- Double supply pipe Ø114, so you can easily connect the reel machine regardless of the turntable rotating adopted.
- Flexible connector hose Ø90x2.7, length 6 meters
- VPS trolley base
- Tractor PTO shaft

Mandatory equipment :

- pack Turbine ou pack Turbine fonte selon votre choix
- 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.
- Skid kit (front trolley 1005 1010) or Front trolley pad kit
- VPS front Trolley Pack or Offset trolley Pack

Optional equipment :

- VPS Front Trolley guide or Offset trolley guide (only with skid kit)
- Autonomous hydraulic system 7cv with elongated hitch ring (mandatory)
- Cover for the autonomous hydraulic system
- Roll kit, an outer guide which prevents friction of the polyethylene.
- Compressor on demand