

1040 VPS - 1040 VPS BIS



EXCELLIUM PACK

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

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

1040 VPS	
Ø	100 - 500 m
Ø	100 - 550 m
Ø	110 - 400 m
Ø	120 - 360 m
Ø	125 - 350 m

1040 VPS BIS	
Ø	100 - 450 m
Ø	110 - 500 m
Ø	110 - 530 m
Ø	120 - 410 m
Ø	125 - 400 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)
1040 VPS	Ø 100	500	9,1	40%	30 - 50	6 - 10	66 - 78	4,2
	Ø 100	550	11	80%	35 - 48	7 - 10	66 - 78	4,4
	Ø 110	400	8,2	70%	30 - 80	6 - 10	72 - 90	3,7
	Ø 120	360	8,9	50%	30 - 90	6 - 10	72 - 90	3,5
	Ø 125	350	11,4	50%	30 - 92	6 - 10	72 - 90	3,4
1040 VPS BIS	Ø 100	450	9,1	50%	30 - 55	6 - 10	66 - 78	3,5
	Ø 110	500	10	40%	34 - 61	5,5 - 10	72 - 84	4,2
	Ø 110	530	12,3	50%	35 - 61	5,5 - 10	72 - 84	4,6
	Ø 120	410	8,9	60%	40 - 90	5,5 - 10	72 - 84	3,7
	Ø 125	400	9,3	70%	40 - 92	5,5 - 10	72 - 96	3,8

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
1040 VPS	3,55	3,20	3,00	5,60	6,56	0,35	0,34	385 x 65 x 22,5	4500	7200
1040 VPS BIS	3,78	3,43							4800	8000

*RLL : recovery last layer

EXELLIUM PACK



Motorization system



Hydraulic front jack



Chain and pinion drive



Hydraulic stabilizers



Tool rack



Standard configuration :

- Cast iron Turbine 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 et 22 on 100 et 110
 - Part circle gun KOMET Twin 140 ULTRA 24» with nozzles kit 24, 26, 28 et 30 on 120 et 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.
 - VPS trolley base
- 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.
- 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) VISUAL 1
- Cover for the autonomous hydraulic system VISUAL 2
- Roll kit , an outer guide which prevents friction of the polyethylene.
- Compressor kit on demand

Also available VPS 1040 BIS Ø100 thickness 10mm length 500 meter, on demand.