1040 VPS - 1040 VPS bis

1040

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

1040 BIS

Ø 100 - 450 m
Ø 110 - 530 m
Ø 120 - 410 m
Ø 125 - 400 m

Standard equipment

- Driving systems : Cast iron turbine Pelton type.
  Turbine drive Irricontrol and Irridoseur motorized with electric butterfly valve
- Automatic shut off valve serial fitting
- 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 • Base stabilizer (all VPS machines)
- Trolley lifting device connected with hydraulic lifting stabilizers type premium
- Wheel lifting system separate left and right
- Hydraulic turntable
- Hydraulic stabilizers • Hydraulic front jack
- **Double supply pipe ø 114 ou ø 133** • Pto shaft winding
- Connection hose Ø 100 length 4 m with HR male 4" coupler and Fld male 4" coupler.
  or ø 113 length 4 m with HR male 5" coupler and Fld male 5" coupler
- Part circle gun SIME REFLEX with nozzles Ø 26, 28, 30 and 32

Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m^3/h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
VPS 1040	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
VPS 1040 BIS	Ø 100	450	9,1	50%	30 – 55	6 – 10	66 – 78	3,5
	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	11,4	70%	40 - 92	5,5 – 10	72 – 96	3,8

**RLL : recovery last layer*

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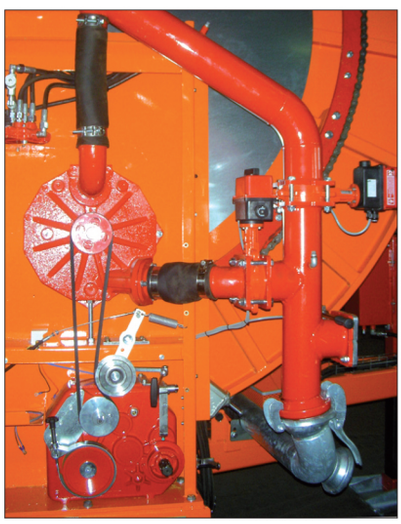
Sit down machine

Power supply Ø 114 et Ø 133

Side hydraulic distributor
(stabilizer + frame + lifting frame
and rotating frame control)

Battery and solar

Hydraulic stabilizers



Electric valve motorisation

Rack and chain drive reel

Tool rack

Premium lifting frame

Equipment

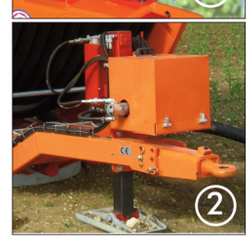
Equipment (mandatory) :

- Valve option VPS1040 VD TTI&TIC.
- 1040&1040 bis VPS valve VD&VA electric

Optional equipment :

• Trolley VPS :
- Offset trolley
- Trolley guide VPS

• Other Options :
- Kit compressor
- Autonomous hydraulic system 7cv* *(photo 1)*
- Cover for the autonomous hydraulic system *(photo 2)*
- Connection hose for discharge valve 6m hr 3" VD
- Elbow vd 3" mâle
- Gun KOMET TWIN 160 + nozzles
- Gun SR 150 21°



Technical characteristics

Model	Height (m)	H Sit down (m)	Width	Length ex trolley (m)	Length in trolley (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

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