

Technical specifications V630/1000M

Operating range		V630/1000M
Min. / max. height		3/8" – 18"
Min. / max. width		2-3/8" – 41"
Max. positioning weight		29.100 lbs
Drilling machine		
Number of drilling units		3 x VD40
Automatic tool changer		3 x VTC 5/40 (3 x 5 positions)
Height measuring		Included
Width measuring		Included
Machine weight		26.450 lbs
Roller feed measuring system		
Max. speed		138 ft/min
Min. infeed length		59"
Drilling unit		VD40
Feed and positioning		Synchronous driven servo-motors, servo-invertors
Speed Y-axis		114-6/8 ft/min
Speed Z-axis		114-6/8 ft/min
Spindle rpm		Stepless 0 – 2.500 rpm (servo-motors)
Nominal power		40 Hp
Lubrication		Internal by mist of air / oil
Holder		SK 40
Drill diameter		13/64" – 1-9/16"
Thread tapping		1/4" - 1-3/16"
Centerpoint marking possibility		Yes, 3 sides
Countersinking possibility		Yes, 3 sides
Layout marking possibility		Yes, 3 sides
Operational direction		
To be confirmed		
Profiles ¹		
Flat steel		
Angles		
European standard channels		(UNP)
European I-beams		(IPE)
European standard beams		(IPN)
European wide flange beams		(HE)
British universal beams		(UB)
British universal columns		(UC)
Square tubes		
T-profile		
American wide flange beams		(W)

¹ Small profiles have to be sufficient straight.

Note

Floor surface must be level and sufficient strong!
 Technical details and descriptions are not binding
 All mentioned capacities are based on a material strength of 58.000 PSI
 Barring changes

General

Voltage Stabilizer	Not included
Ambient temperature	32 - 95°F max. 95% relative humidity
Working height	30" (+/- 1")

One-Way cross transport

Height	30" (+/- 1" height adjustment)
Rapid traverse speed	75-1/2 ft/min
Material traverse speed	37-3/4 ft/min

Roller conveyor

Height	30" (+/- 1" height adjustment)
Speed	197 ft / min

Light curtain

Trough beam operating distance	30 ft – 230 ft
Operating temperature	+5°F – +131°F

Color

Plates	RAL 3003 Red
Frames	RAL 7011 Grey

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