

TECHNICAL FEATURES

			Hydra M	Hydra L
Machine capacity	Min workpiece diameter	mm	20	20
	Max workpiece diameter	mm	90	90
	Min lenght	mm	150	850
	Max lenght	mm	950	1650
Clamp unit	Closing force	Kn	30	30
	Total closing stroke	mm	130	130
	Positioning stroke	mm	1000	1000
Tool cooling	Cooling pump flow	L/min	293	293
	Pump motor	Kw	1,4	1,4
	Tank capacity	L	180	180
	Filtering	µm	60	60
Hydraulic control unit	Control unit motor power	KW	8	8
	Pump discharge	L/min	80	80
	Tank capacity	L	100	100
Hinged belt conveyor	Belt type		Draining	Draining
	Motor	Kw	0,37	0,37
	Discharge chute height	mm	900	900
Machine size	Lenght (excluding conveyor)	mm	4420	5120
	Width	mm	2044	2044
	Height	mm	1960	1960
	Weight	Kg	6500	8000
	Color	Ral	7024/7035/3020	7024/7035/3020

Right and left carriage

			Hydra M	Hydra L
Spindle steep taper	Spindle steep taper	ISO	40	40
	Spindle type	DIN	69871	69871
Milling	Max mill diameter	mm	100	100
	Mill clamping diameter	mm	32	32
	Motor power	Kw	8,2	8,2
	Spindle gear ratios	i	4	4
	Max milling speed	rpm	750	750
Drilling	Max drill diameter	mm	20	20
	Max drilling speed	rpm	3000	3000
	Bit holder	type	ER32	ER32
	Motor power	Kw	8,2	8,2
X, Y axes	Carriage working stroke	mm	400	400
	Total stroke	mm	600	600
	Z axis motors	Kw	2,3	2,3
	Y axis motors	Kw	2,3	2,3
	Linear guideway type		roller type	roller type
	Max axes speed	mm/1'	15000	15000

OPTIONALS

Spindle connection	Spindle connection	BT	40
	Spindle connection	HSK	63
	Spindle connection	HSK	50
Clamp unit	Three-point special clamp		
	Automatic clamps positioning		
Single/double tapping	Max tapping	M	20
	Max tapping stroke	mm	100
	Tapping motor power	Kw	1,5
Lubrication	Internal lubrication of the tool		
Doors	Automatic opening doors		
Support	Remote assistance		
Industry 4.0	4.0 data collection		
Loading/unloading	Loading/unloading robot		