

WRD 130 / 150 DUO

The WRD 130 / 150 DUO workplace consists of two independent WRD 130/150 Q machines, which share a communal working space. The main advantage of this arrangement is the possibility to machine one workpiece by two independent spindles, or two workpieces together.

The machines are designed for precise, highly productive machining of large and heavy workpieces or complicated workpieces from cast-iron, steel cast-iron and steel. A series of technological devices greatly extend the machine's potentialities.



TECHNICAL PARAMETERS

Headstock		WRD 130	WRD 150
Work spindle diameter	mm	130	150
RAM size	mm	450 x 450	
Spindle taper		ISO 50 / ISO 50 BIG+	
Work spindle speed range	1/min	10 – 3 000	10 – 2 500 (2 800) (10 – 1 500*)
Rated output of main motor (at permanent operation of S1)	kW	37	51
Max. output of main motor (at operation of S6-60% working hours)	kW	46	65
Torque on spindle (S1)	Nm	2 535	2 460 (2 500/4 870*)
Max. torque on spindle (S6 – 60%)	Nm	3 152	3 138
RAM stroke Z	mm	1 000	1 000
Spindle stroke W	mm	700	800
Column			
Headstock vertical travel Y	mm	2 000 – 5 000 (in steps of 500 mm)	
Column longitudinal travel X	mm	5 000 – 27 000 (in steps of 2,000 mm)	
Feeds			
Range of feeds (working and rapid traverse) – X, Y, Z	mm/min	1 – 24 000	
– W	mm/min	1 – 12 000	

* an option suitable for drive of the facing head from the hollow spindle, Nmax=1500 rpm, 2,500 Nm on the work spindle, 4870 Nm on the hollow spindle

