

### Main Parameters

Description		Parameter
Max. dia. of holes drilled		80 mm
Distance from center line of main Spindle to generant of pillar	Max.	2500 mm
	Min.	500 mm
Movable horizontal distance of headstock		2000 mm
Distance from main spindle end face to working face of bed	Max.	2000 mm
	Min.	550 mm
Arm lifting/lowering distance		1000 mm
Arm lifting/lowering speed		0.017 m/sec
Arm's rotatabl angle		$\pm 180^\circ$
Main spindle's tapered hold		Morse #6
Main spindle speed range		16~1250 rpm
Number of main spindle speed rates		16
Main spindle feed range		0.04~3.2 mm/rev.
Number of main spindle feed rates		16
Main spindle travel		450 mm
Drilling depth per each rev. on index plate		151 mm
Max. allowable torque of main spindle		1568 N·m
Max. allowable resistance to main spindle feeding		35000 N
Power of main motor		7.5 KW
Power of arm lifting motor		3 KW
Power of hydraulic hold-down motor		0.75 KW
Power of motor for cooling pump		0.09 KW
Approx. weight of the machine		11000 kg
Overall size (L × W × H)		3730 × 1400 × 4025 mm

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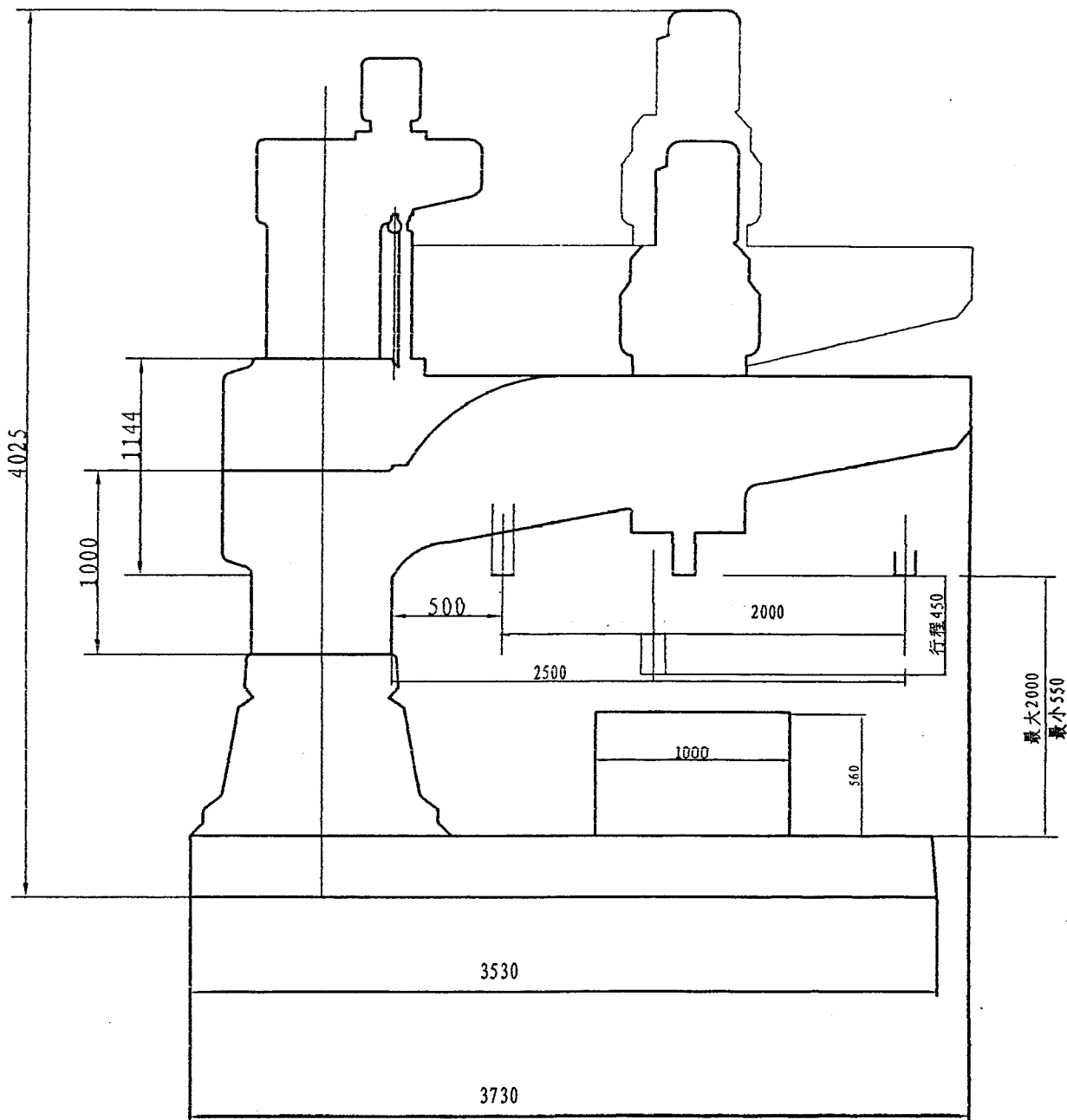


Fig 3.2 Major parameter diagram of machine