

Specification

Clausing Radial Drills

Drilling capacities

Drilling	In Steel	42mm
	In Cast Iron	55mm
Tapping	In Steel	25mm
	In Cast Iron	38mm
Boring	In Steel	85mm
	In Cast Iron	120mm

Working Area

Column Sleeve dia (E)	260mm
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Column face to spindle centre

Maximum (D+C)	1100mm
Minimum (D)	280mm
Spindle head travel (C)	820mm

Base surface to spindle end

Maximum (A)	1270mm
Minimum (B)	470mm
Arm vertical travel (A-B)	570mm
Arm rotation (right & left)	180 degrees
Baseplate working surface	1219 x 739mm

Box table dimensions

Length (L)	635mm
Width (K)	520mm
Height (H)	415mm

Base dimensions

Floor area (R x S)	1725 x 715mm
Height (Q)	180mm

Drilling Head

Spindle taper	MT#4
Spindle stroke	230mm
Quill diameter	80mm
Number of spindle speeds	12
Spindle speeds (rpm)	44-1500

Number of feeds	3
Spindle feed rate (in/rev)	0.05mm/0.09mm/0.15mm
Spindle drive motor	2.5kW
Elevating motor	0.75kW
Coolant pump motor	0.10kW

Overall measurements & weight

Maximum machine height (F)	2530mm
Base & column height (G)	2000mm
Shipping dimensions (L x W x H)	1800 x 864 x 2210mm
Net weight	1800kg
Shipping weight	1950kg

Features & Standard Equipment

High quality cast iron arm with heat treated and ground slides for smooth and accurate head positioning

The bearing bracket of gearbox is fitted with standard bearings to fit arm slide for smooth gearbox operation

High speed gears are made of Nickel-Chrome Steel and are heat treated and ground for durability

Powerful 2.25kW 2 speed heavy duty spindle drive motor

The main spindle is balanced by a compressed spring

Coolant system

Low volt and overload protection

Toolkit and manuals

635 x 520 x 415mm box table