



Radial Drill Press

## R 60 VT

The first servo-conventional radial drill press



- Unique operating concept
- Servomotor-driven quill feed
- Large touchscreen
- Rigid design and powerful performance



All functions are shown on the touchscreen's graphic display

- **Electronically controlled servo quill feed with large touchscreen display**
- Drilling depth is electronically set and the input value is checked by the system
- Measuring units for input and display can be selected by the operator (mm or inch)
- The high-performance coolant system enabled at the touchscreen and will be turned on and off as a function of the main spindle
- The machine has 2 gear steps, and the rpm can be infinitely varied and displayed at the monitor
- A servo motor provides infinitely variable control of the quill feed - upon reaching the preselected drilling depth, the quill automatically returns to the starting position
- Thread cutting is, however, completely manual, i. e., the operator changes the quill's rotational direction upon reaching the drilling depth
- The operator sets the boom height by touching the respective icon, whereupon the system automatically releases and fixates the hydraulic clamps, turns off the lift motor, and considers all set limit stops
- Drill head and column can be clamped/released together or separately
- Boom can be moved vertically without losing the spindle-to-bore alignment

## Specifications

## R 60 VT

Working area	
Drilling capacity	mm 60
Tapping capacity (steel / casting)	M 45 / M 50
Drilling depth (max.)	mm 315
Spindle nose-to-table surface distance	mm 350 - 1.250
Drill head travel (horizontal)	mm 1.250
Headstock	
Speed range	1/min (2) 38 - 2.000
Spindle mount	MK 5
Feed	
Feeds	mm/min 0 - 300
Drive capacity	
Motor rating main drive	kW 4
Stroke motor	kW 1,5
Measures and weights	
Overall dimensions (length x width x height)	m 2,49x1,05x2,78
Weight	kg 3.800
Part No.	101656

- Base, column, boom and gear head are made of premium high-quality cast
- major design features include a large column and a highly torsion-resistant boom
- boom height adjustment via a powerful motorized drive and vertical spindle
- the boom lifting gears run in an oil-bath for maximum reliability and minimum wear
- swivel axis and travel axis feature extremely smooth operation to make the operator's everyday production work easier
- a central lubrication system ensures reliable lubrication of the column

- The control software also provides recommendations for rpm and feed in relation to the desired drill size
- Various alarm screens warn the operator in case of operational errors and display information on the operational state

## Standard Equipment

coolant system, cube table, work lamp, operator manual

## Options

## Part No.

• Extension Sleeve MT 4/5	104670
• Taper Drift MT 4/5	104695
• Tapping Attachment M8 - M20 (MT3 + MT4)	106037
• Mounting Shaft MT 4	108641
• Drill Press quick-action machine vise with V-guides PBS 200	125007