




- Unique operating concept
- Advanced control of machine functions
- Servomotor-driven quill feed
- Rigid design with proven high stability



See this machine
in action on
YouTube 

- 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



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
- 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

R 60 VT PRO und R 80VT PRO mit Gewinde-schneideinrichtung (SKU 101657/101648)

- Bei diesem Modell kann auch die Funktion Gewindegewindeschneideautomatik am Touchscreen aktiviert werden
- Je nach Gewindebohrergröße wird automatisch die passende Steigung und empfohlene Drehzahl aus der internen Datenbank übernommen
- Der Gewindegewindeschneidvorgang erfolgt mit automatischen Vorschub
- Die Spindeldrehzahl ist dabei mit der Gewindesteigung synchronisiert und der Tiefenanschlag begrenzt nun die Gewindetiefe
- Ist die vorgewählte Tiefe erreicht, wechselt die Spindel die Drehrichtung und die Pinole fährt automatisch zurück auf die Startposition

Standard Equipment

Touchscreen control panel, coolant system, cube table, LED work lamp, operator instructions

Specifications		R 60 VT	R 60 VT PRO	R 80 VT PRO
Working area				
Drilling capacity	mm	60	60	80
Tapping capacity, cast-iron		M 50	M 50	M 60
Tapping capacity, steel		M 45	M 45	M 52
Drilling depth (max.)	mm	315	315	400
Throat	mm	350 - 1.600	350 - 1.600	465 - 2.550
Spindle nose-to-table surface distance	mm	350 - 1.250	350 - 1.250	360 - 1.560
Drill head travel (horizontal)	mm	1.250	1.250	2.095
Headstock				
Speed range	1/min	(2) 38 - 2.000	(2) 38 - 2.000	(2) 30 - 1.400
Spindle mount		MT 5	MK 5	MK 6
Feed				
Feeds	mm/min	0 - 300	0 - 300	0 - 350
Drive capacity				
Motor rating main drive	kW	4	4	7,5
Stroke motor	kW	1,5	1,5	2,6
Measures and weights				
Overall dimensions (length x width x height)	m	2,49x1,05x2,78	2,49x1,05x2,78	3,59x1,25x3,56
Weight	kg	3.800	3.800	7.400
Part No.		101656	101657	101648