

# B SERIES

your choice for:



With rotating table plate and tilting support (MGI)

**Easy to run**

**Mechanical reliability**

**Technology**

**Size and ergonomics**

**Industrial use**

**True capacity**

**Variety of sizes**

**Full equipment**

**Long life**

**Lasting value**



ø 40 mm	M 33	2,2 Kw	MT 4	200 mm	ø 175 mm	360 mm
ø 50 mm	M 36	3 Kw	MT 4	230 mm	ø 200 mm	400 mm
ø 60 mm	M 42	4 Kw	MT 5	260 mm	ø 220 mm	420 mm
ø 70 mm	M 50	5,5 Kw	MT 5	260 mm	ø 220 mm	420 mm

## || STANDARD EQUIPMENT

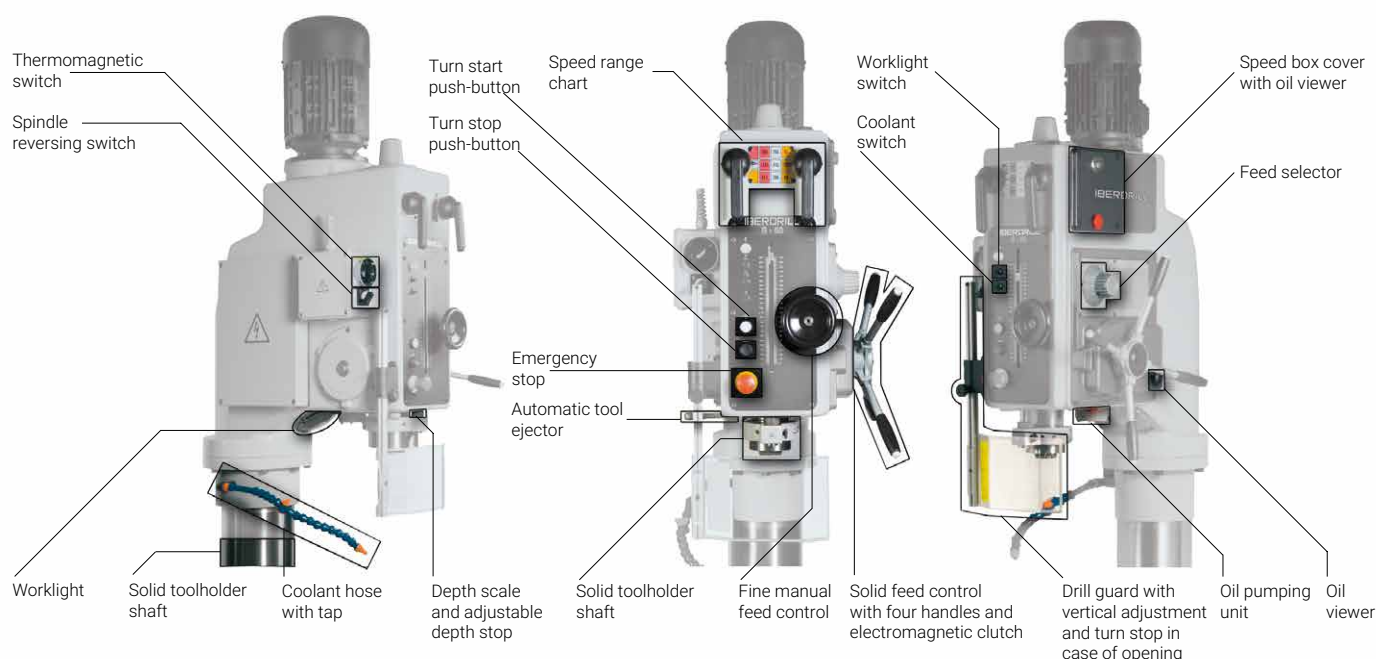
- Hardened and group high quality steel gears
- Speed plate and selecting levers on head
- Gear box lubrication by automatic pumps
- Machine base with coolant tank and pump
- Worklight
- MGI Rotating and tilting table
- Automatic feed and cut-off by electromagnetic clutch
- Front hand wheel for fine feed work
- Depth scale and adjustable depth stop
- Automatic tool ejector
- Electric equipment integrated on machine's head
- Emergency STOP push button
- Spindle reversing switch
- Safety drill guard with microswitch
- CE mark

## || OPTIONAL EQUIPMENT

- IR/RS** Manual tapping system
- RHP** Automatic threading system by master spindle (includes one tapping pitch)
- HGP** Master guide spindle and nut set
- HGP-S** Special master guide spindle and nut set
- ACNL** Pneumatic counterbalance with rapid approach and retract
- CI** Integral drilling cycle with encoder
- AR** 50% lowered feed rate range
- CN** Pneumatic counterbalance
- UC** Union, dragging cone and assembly for multi-spindle head
- GM** Multi-spindle head guide rod
- PM** START/STOP/EMERGENCY control extensión
- SC** Column riser (200 mm)
- VE** Variable speed by electronic variator
- LBC** Depth scale digital read-out system

# B SERIES

## Round column - Gear transmission



### || CHARACTERISTICS

		B-40	B-50	B-60	B-70
Maximum drilling capacity in steel St. 50/60	[ø mm]	40	50	60	70
Maximum drilling capacity in cast iron 200 Brinell	[ø mm]	50	60	70	80
Maximum tapping capacity in steel St. 50/60	[mm]	M 33	M 36	M 42	M 50
Maximum tapping capacity in cast iron 200 Brinell	[mm]	M 40	M 42	M 50	M 60
Morse Taper MT	[Nr.]	4		5	
Maximum spindle stroke (drilling depth)	[mm]	200	230	260	260
Main motor power	[HP (Kw)]	3 (2,2)	4 (3)	5,5 (4)	7,5 (5,5)
Coolant pump motor power	[HP (Kw)]	0,10 (0,07)		0,12 (0,09)	
Transmission		Gear Box			
Number of speeds		9		12	
Speed range with motor at 1500 rpm 50 Hz 3Ph. Upon request: Motor at 1800 rpm 60 Hz 3Ph.	[rpm]	61-85-123 191-269-390 574-806-1169	54-75-109 169-237-344 507-712-1032	64-80-106-138 199-248-328-429 561-701-926-1210	51-64-84-110 158-198-262-342 447-559-738-966
Feed		Automatic by electromagnetic clutch			
Nr. of automatic feeds		4	6		
Automatic feed range	[mm/rev]	0,1-0,2-0,3-0,4	0,1-0,2-0,3-0,4-0,5-0,6		
Worktable dimensions (LxW).	[mm]	550x550		600x600	
Column diameter	[mm]	175	200	220	
Distance from spindle centre to column face	[mm]	360	400	420	
Net weight	[Kg]	610	720	820	840
Gross weight with packing	[Kg]	695	805	920	940
Packing dimensions (length x width x height)	[m]	2,5x0,6x1,2	2,6x0,6x1,2	2,7x0,7x1,2	