

STANDARD EQUIPMENT

- Depth scale and adjustable depth stop
- Worklight
- Automatic tool ejector
- Thermo-magnetic motor breaker switch
- Emergency STOP push button
- Right-left turn
- Low voltage electric equipment
- Safety drill guard with microswitch
- CE mark



ø 25 mm



M 18



0,82/1,2 Kw



MT 3



120 mm



ø 100 mm



250 mm



TM-25



With rotating table (MG).



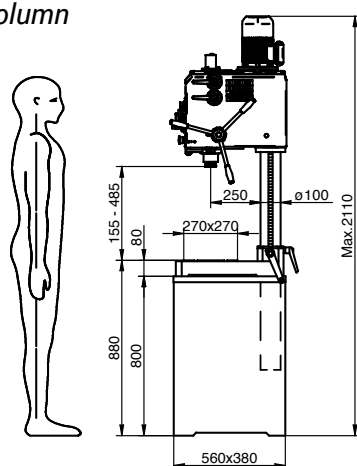
With floor cabinet with 2 shelves (PKA).



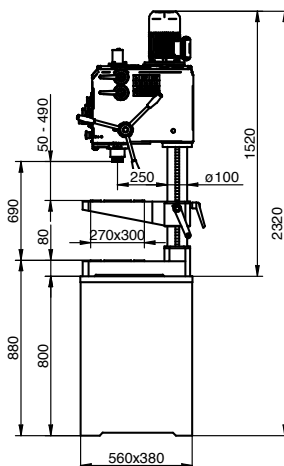
With floor cabinet with door and drawer (PKB).

DIMENSIONS

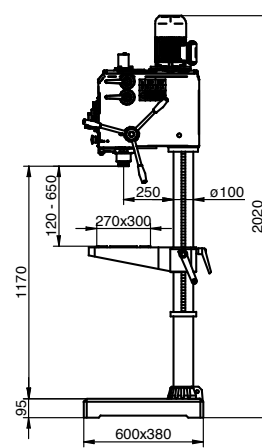
Round column



TS 25
TS 30
TSA 25
TSA 30



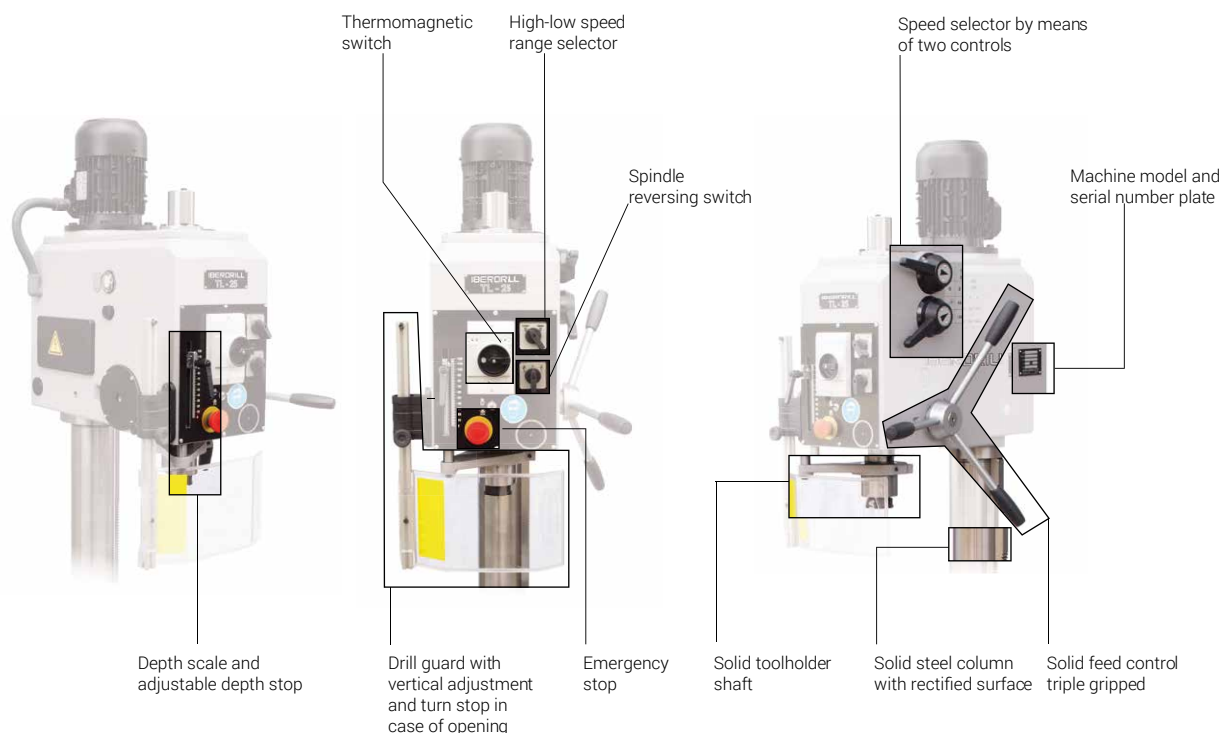
TM 25
TM 30
TMA 25
TMA 30



TL 25
TL 30
TLA 25
TLA 30

T SERIES

Bench and column drilling machines



|| CHARACTERISTICS

TS-25
TM-25
TL-25

TSA-25
TMA-25
TLA-25

TS-30
TM-30
TL-30

TSA-30
TMA-30
TLA-30

Maximum drilling capacity in steel St. 50/60	[ø mm]	25		30	
Maximum tapping capacity in steel St. 50/60	[mm]	M 18		M 25	
Morse Taper MT	[Nr.]	3			
Maximum spindle stroke (drilling depth)	[mm]	120			
Main motor power	[HP (Kw)]	1,1/1,6 (0,82/1,2)		1,5/1,9 (1,13-1.43)	
Transmission		Gera box			
Number of speeds		8			
Speed range with motor at 1500/3000 rpm 50 Hz 3Ph. Upon request: Motor at 1800/3600 rpm 60 Hz 3Ph.	[mm]	65-125-185-365-540-1055-1560-3060 78-150-222-438-648-1266-1872-3672			
Feed		Manual	Automatic	Manual	Automatic
Nr. of automatic feeds		-	2	-	2
Automatic feed range	[mm/rev]	-	0,1-0,2	-	0,1-0,2
Worktable dimensions (LxW).	[mm]	270x270 (TS-25) 300x270 (TM/TL-25)	270x270 (TSA-25) 300x270 (TMA/TLA-25)	270x270 (TS-30) 300x270 (TM/TL-30)	270x270 (TSA-30) 300x270 (TMA/TLA-30)
Column diameter	[mm]	100			
Distance from spindle centre to column face	[mm]	250			
Net weight	[Kg]	200 (TS-25) 240 (TM-25) 250 (TL-25)	200 (TSA-25) 240 (TMA-25) 250 (TLA-25)	200 (TS-30) 240 (TM-30) 250 (TL-30)	200 (TSA-30) 240 (TMA-30) 250 (TLA-30)
Gross weight with packing	[Kg]	210 (TS-25) 260 (TM-25) 310 (TL-25)	210 (TSA-25) 260 (TMA-25) 310 (TLA-25)	210 (TS-30) 260 (TM-30) 310 (TL-30)	210 (TSA-30) 260 (TMA-30) 310 (TLA-30)
Packing dimensions (length x width x height)	[m]	0,8x0,6x1,45 (TS-25) 0,8x0,57x1,93 (TM-25) 2,2x0,6x0,9 (TL-25)	0,8x0,6x1,45 (TSA-25) 0,8x0,57x1,93 (TMA-25) 2,2x0,6x0,9 (TLA-25)	0,8x0,6x1,45 (TS-30) 0,8x0,57x1,93 (TM-30) 2,2x0,6x0,9 (TL-30)	0,8x0,6x1,45 (TSA-30) 0,8x0,57x1,93 (TMA-30) 2,2x0,6x0,9 (TLA-30)

OPTIONAL EQUIPMENT

CABINETS / BASES / CONTAINERS / LIGHT



PKA

Floor cabinet with 2 shelves.
Available for **EK/T** series.



PKB

Floor cabinet with door and drawer. Available for **EK/T** series.



ERC

Coolant system
(independent container).
Available for **EK/T** series.



ERB

"T" slotted machine base with coolant pump.
Standard for **Z/X/A/B/C** series.

TABLES INCLUDING SUPPORTS



MG

Rotating table plate.
Optional for **EKL/TL** series.

CROSS TABLES



MB1

Cross table.
X = 220 mm.
Y = 140 mm.
Table net weight = 25 kg.
Available for **EK/T** series.

SPEED CONTROL / MEASURE / TAPPING



VE

Standard for **Z(34-40)**, **BC-40VE** and **BC-50VE**.

Available for other models upon request.



TAK

Digital rpm counter.

Standard for **Z (34-40)** and **C** series.

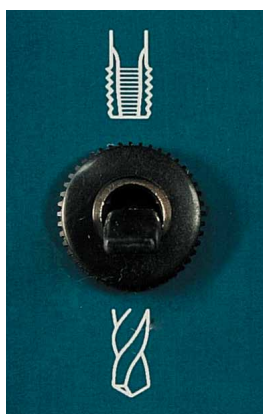
Available for other models upon request.



LBC

Depth scale read-out system.

Available for all series.



RS

Automatic feed reversing for tapping.

Standard for **Z(34-40)** y **C** series.

Available for all series.



RPF

Automatic tapping cycle by lead screw system with brake motor for spindle reverse.

Available for **X/A/B/P** series.



HGP

Master guide spindle and nut set.

Available for **X/A/B/P** series.

OPTIONAL EQUIPMENT

SPEED CONTROL / MEASURE / TAPPING



CN

Pneumatic counterbalance for spindle return (recommended with multi-spindle head applications). Available for **X/A/B/P** series.



ACNL

Automatic drilling cycle with rapid approach, working feed and rapid retract. Available for **B** models on **Z/X/B/P** series.



CI

Integral drilling cycle with encoder (recommended for tube and profile drilling, deep drilling operations, etc.). Available for **B** models on **Z/X/B/P** series.



HB

Hydro-pneumatic power feed unit. Available for **EK/T/Z/X** series (only for manual feed models).



CM

Multi-spindle drilling heads with fixed or adjustable spindles. Available for all series.



MQL

Micro-lubrication system. Available for all series.



TOOL HOLDERS



DRILL-CHUCKS

Self-centering drill-chuck from dia. 3 to dia. 16 Morse taper 3 & 4. Available for all series.



TAPHOLDER

Morse taper, tapholder and tapping collets.



REDUCING SLEEVES

Self-centering drill-chuck from dia. 1 to 16 Morse taper 3-4 & 5. Available for all series.

STANDARD ASSEMBLY FOR JOBS USING MULTI-SPINDLE HEADS

Accessories and functions

ACNL

Automatic drilling cycle with rapid approach, working feed and rapid retract, with additional pneumatic counterweight function for the multi-spindle head.

UC

Union, dragging cone and assembly of the multi-spindle head.

CM

Multi-spindle head with fixed or adjustable (see picture) spindles.

GM

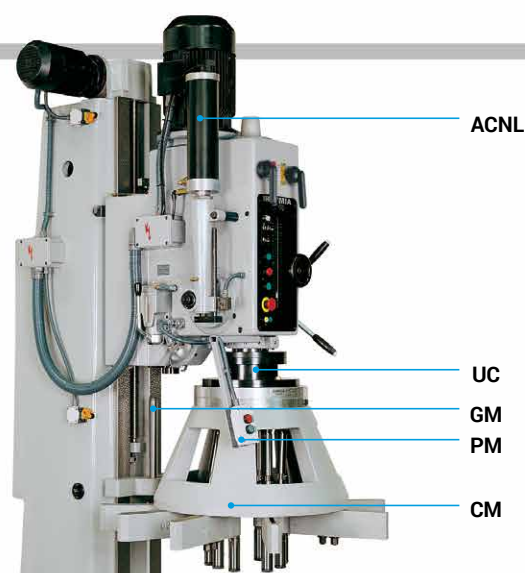
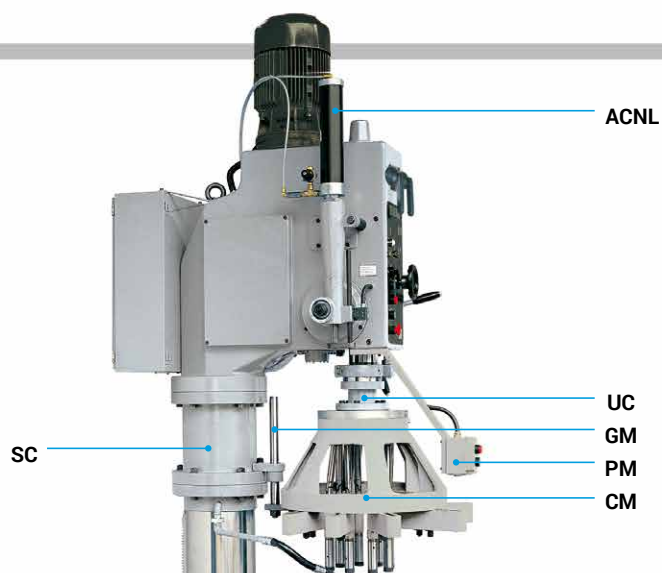
Multi-spindle head guide rod.

PM

START/STOP and emergency STOP control extensión.

SC

Column riser of 200 mm for greater distance between spindle nose and worktable.



STANDARD VICES



SL-116

Vise with fixed base (Light Series).
Maximum opening: 116 mm
Jaw width: 105 mm
Jaw height: 31,5 mm
Net weight: 8,5 kg.
Available for [EK/T/Z/X/A/B/C](#) series.



SL-160

Vise with fixed base (Light Series).
Maximum opening: 160 mm
Jaw width: 125 mm
Jaw height: 41,5 mm
Net weight: 4,7 kg.
Available for [EK/T/Z/X/A/B/C](#) series.

RAPID CLOSE AND SELF-CENTERING VICES



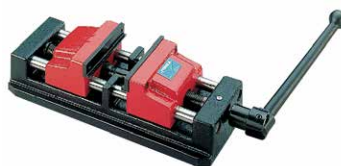
FR-80

Opening-cam rapid close vice.
Maximum opening: 80 mm.
Jaw width: 80 mm.
Jaw height: 20 mm.
Net weight: 6 Kg.
Available for all series.



FR-125

Opening-cam rapid close vice.
Maximum opening: 125 mm.
Jaw width: 125 mm.
Jaw height: 30 mm.
Net weight: 23 Kg.
Available for all series.



FK-103

Self-centering vice.
Maximum opening: 103 mm.
Jaw width: 103 mm.
Jaw height: 20 mm.
Net weight: 12 Kg.
Available for all series.

CHUCKS, FOOT PEDALS...



PL

Manual jaw chuck.
Available for all series.



PN

Pneumatic jaw chucks.
Available for all series.



PST

Cycle or spindle turn START foot pedal.

PSR

Spindle turn reverse foot pedal (for tapping)
Available for all series.



PEM

Emergency STOP foot pedal.
Available for all series.