

EK SERIES

your choice for:

Multi-purpose use

Unequalled robustness

Complete equipment

Speed range

Easy to run

Low maintenance

Attractive design

Value for money



EKS-25
With co-ordinate table

| | | | | | | |
|--------------------|--------------|------------------------------|--------------|------------------|----------------------|------------------|
| | | | | | | |
| ∅ 18 mm ∅ 25 mm | M 14 M 18 | 0,51/1,05 Kw 0,71/1,35 Kw | MT 3 MT 3 | 120 mm 120 mm | ∅ 100 mm ∅ 100 mm | 250 mm 250 mm |



EKL-25
Standard column
drilling machine



EKS-18
With hidrobloc



EKS-18
With lead screw system

STANDARD EQUIPMENT

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

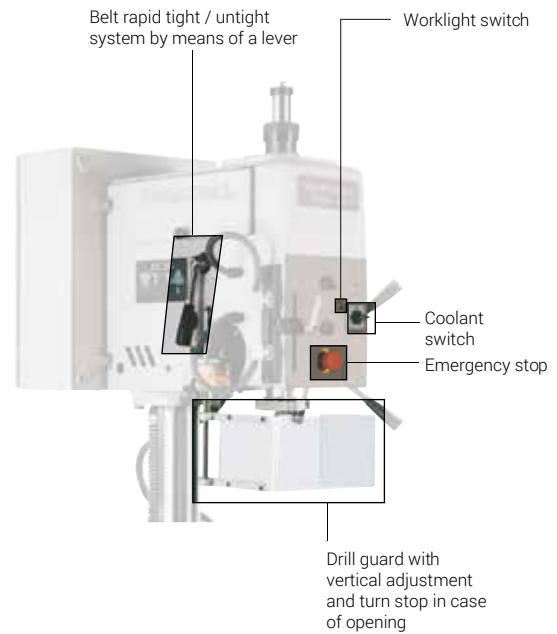
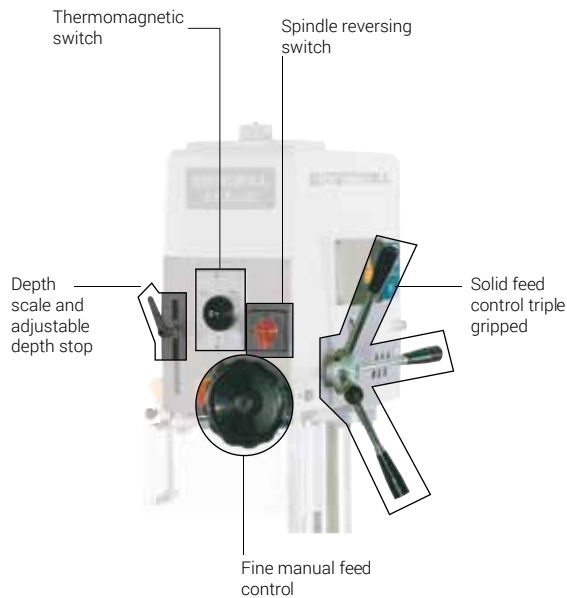
OPTIONAL EQUIPMENT

- PKA** Floor cabinet with 2 shelves (only for EKS and EKM models)
- PKB** Floor cabinet with door and drawer (only for EKS and EKM models)
- RS** Automatic feed reversing system for tapping
- VE** Variable speed by electronic variator
- VE + TAK** Continuous speed by electronic variator with automatic turn reversing system for tapping and digital rpm counter
- LBC** Depth scale digital read-out system
- RPF** Pitch controlled tapping with braking system by speed inverter
- HGP** Master guide spindle and nut set

- HGP-S** Special master guide spindle and nut set
- ERB** Coolant system in base
- V** Hand wheel for fine feed work
- MB** Security bimanual command
- HB** Hidrobloc automatic feed system
- MG** Rotating table (only for EKM y EKL models)
- MFM** Reversible fix table with vice (only for EKL model)
- MCC-100** Co-ordinate table over support (only for EKL model)

EK SERIES

Bench and Column drilling machines



|| CHARACTERISTICS

EKS-18 EKM-18 EKL-18 EKS-25 EKM-25 EKL-25

| | | | | | | | |
|---|-----------|--------------------------|---------------|---------------|--------------------------|---------------|---------------|
| Maximum drilling capacity in steel St. 50/60 | [ø mm] | 18 | | | 25 | | |
| Maximum tapping capacity in steel St. 50/60 | [mm] | M14 | | | M18 | | |
| Morse Taper MT | [Nr.] | 3 | | | | | |
| Maximum spindle stroke (drilling depth) | [mm] | 120 | | | | | |
| Main motor power | [HP (Kw)] | 0,68 - 1,4 (0,51 - 1,05) | | | 0,95 - 1,8 (0,71 - 1,35) | | |
| Transmission | | Belt | | | | | |
| Number of speeds | | 10 | | | | | |
| Speed range with motor at 750/1500 rpm 50 Hz 3Ph. Upon request: Motor at 900/1800 rpm 60 Hz 3Ph. | [rpm] | 245 - 4100 295 - 4800 | | | | | |
| Feed | [mm] | Manual | | | | | |
| Worktable dimensions (LxW) | [mm] | 270 x 270 | 270 x 300 | | 270 x 270 | 270 x 300 | |
| Column diameter | [mm] | 100 | | | | | |
| Distance from spindle centre to column face | [mm] | 250 | | | | | |
| Net weight | [Kg] | 190 | 230 | 250 | 190 | 230 | 260 |
| Gross weight with packing | [Kg] | 200 | 250 | 315 | 200 | 250 | 325 |
| Packing dimensions (length x width x height) | [m] | 1,36x0,57x0,7 | 1,84x0,57x0,7 | 2,10x0,57x0,8 | 1,36x0,57x0,7 | 1,84x0,57x0,7 | 2,10x0,57x0,8 |