



ERLO

Drills / Units / CNC

CATALOGUE



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SERIE S

BENCH TYPE DRILLING MACHINES

- Manual feed
- V-belt drive
- Fixed table, displaceable and rotating headstock

						
ø 18 mm ø 25 mm ø 30 mm	M 14 M 18 M 25	0,68/1,4 HP 0,95/1,8 HP 1,2/2 HP	MT 3	120 mm	ø 100 mm	250 mm

Standard equipment

- Table/base with "T" slots
- Adjustable depth end
- Lighting equipment
- Tool ejector
- Belt cover with stop micro
- Motor guard and emergency push button
- Emergency push button
- Main switch
- Turning sense selector
- Electrical equipment at low voltage
- Electrical equipment in a separate cabinet
- Drill guard with stop micro
- CE norms



Extra Equipment

10020	Frontal wheel for fine sensitive feed
10021	Speed digital reader (for models with variator)
10022	Depth digital reader
10023	Speed electronic variator (includes the base and electric cabinets)
10042	Tapping system IR/RS
10043	Tapping system IR/RS (for models with variator)
10082	Base cabinet with door and drawer (standard in models with variator and hydroblock)
10087	Fixed intermediate table
10088	Rotating intermediate table
10085	Cycles counter (for models with hydroblock)
10110	Column supplement
10120	Hydroblock (includes the base and electric cabinets)
91118	Coolant equipment in the base

* In machines with intermediate table, the base cabinet has not the drawer

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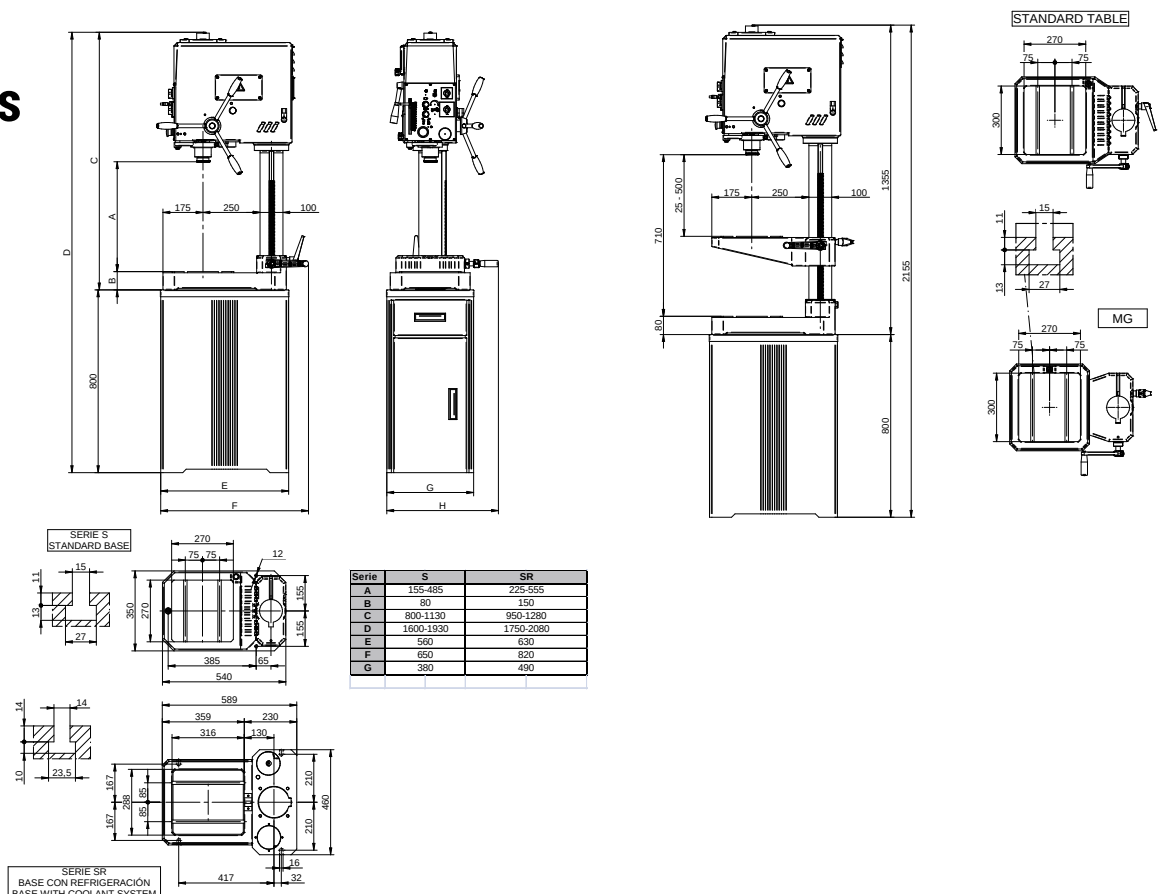
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Characteristics

	S.18	S.25	S.30
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	18	25	30
TAPPING CAPACITY IN STEEL OF 70 Kg.	M14	M18	M25
TRANSMISSION	V-BELT		
SPEED NUMBER AND RANGE (WITHOUT VARIATOR) 50 HZ.	(10) 245 - 355 - 490 - 710 - 835 - 1.240 - 1.670 - 2.000 - 2.480 - 4.000 rpm.		
SPEED NUMBER AND RANGE (WITH VARIATOR)	VARIABLES A) 120-760 B) 170-1100 C) 400-2580 D) 600-3800 E) 950-6000 rpm.		
FEED	MANUAL		
MAIN MOTOR POWER (WITHOUT VARIATOR) MOTOR 1500 rpm.	0,68/1,4 HP	0,95/1,8 HP	1,2/2 HP
MAIN MOTOR POWER (WITH VARIATOR) MOTOR 1000 rpm.	1,5 HP	2 HP	2 HP
SPINDLE CONE	MT.3		
SPINDLE STROKE	120 mm		
SPINDLE STROKE WITH HYDROBLOCK	90 mm		
DISTANCE SPINDLE-COLUMN	250 mm		
DISTANCE SPINDLE-TABLE (MODELS WITHOUT COOLANT)	Min. 155 mm/ Max. 485 mm		
DISTANCE SPINDLE-TABLE (MODELS WITH COOLANT)	Min. 225 mm/ Max. 555 mm		
COLUMN DIAMETER	Ø100 mm		
DIMENSIONS OF THE TABLE/BASE (WITHOUT COOLANT)	270x270 mm		
DIMENSIONS OF THE TABLE/BASE (WITH COOLANT)	316x288 mm		
WEIGHT: NET / GROSS Kg.	190 / 200 Kg.		
PACKAGING DIMENSIONS AND VOLUME	700x570x1360 mm / 0,55 m ³		
WEIGHT: NET / GROSS KG. WITH BASE CABINET	240 / 260 Kg.		
PACKAGING DIMENSIONS AND VOLUME WITH BASE CABINET	1030x600x1950 mm / 1,21 m ³		

Dimensions



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SERIE SE-SEA

BENCH TYPE DRILLING MACHINES

- Manual feed (serie SE) and automatic feed (serie SEA)
- Geared drive
- Fixed table, displaceable and rotating headstock



Standard equipment

- Table/base with "T" slots
- Adjustable depth end
- Lighting equipment
- Tool ejector
- Motor guard and emergency push button
- Turning sense selector
- Main switch
- Electrical equipment at low voltage
- Electrical equipment in a separate cabinet
- Drill guard with stop micro
- CE norms



Extra Equipment

10020	Frontal wheel for fine sensitive feed (only for SE serie)
10021	Speed digital reader (for models with variator)
10022	Depth digital reader
10023	Speed electronic variator (includes the base and electric cabinets)
10042	Tapping system IR/RS
10043	Tapping system IR/RS (for models with variator)
10082	Base cabinet with door and drawer (standard in models with variator and hydroblock)
10085	Cycles counter (for models with hydroblock)
10087	Fixed intermediate table
10088	Rotating intermediate table
10110	Column supplement
10120	Hydroblock (includes the base and electric cabinets)
81000	Extra price for 750/1500 motor
91118	Coolant equipent in the base

* In machines with intermediate table, the base cabinet has not the drawer

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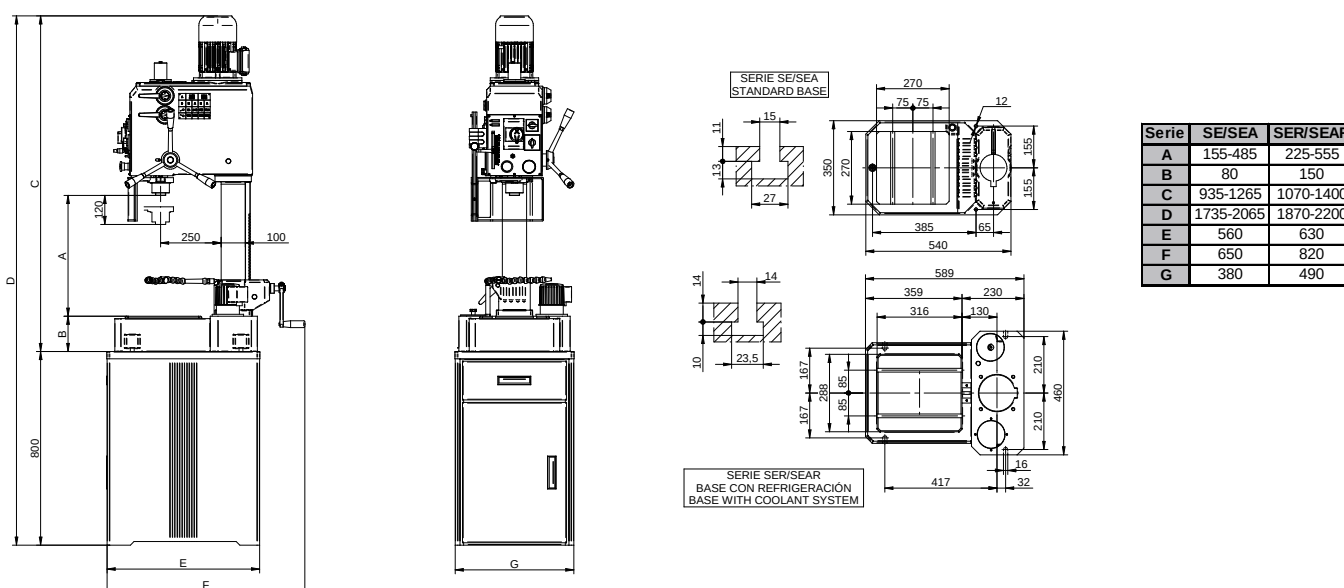
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Characteristics

	SE.25	SE.30	SEA.25	SEA.30
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	25	30	25	30
TAPPING CAPACITY IN STEEL OF 70 Kg.	M22	M25	M22	M25
TRANSMISSION	GEARS (Hardened and ground)			
SPEED NUMBER AND RANGE (WITHOUT VARIATOR)	(8) 65 - 125 - 185 - 365 - 540 - 1.055 - 1.560 - 3.060 rpm.			
SPEED NUMBER AND RANGE (WITH VARIATOR)	VARIABLES A) 45-125 B) 125-370 C) 380-1070 D) 1100-3100 rpm.			
FEED	MANUAL	MANUAL	AUTOMATIC	AUTOMATIC
NUMBER AND RANGE OF FEEDS	-	-	(2) 0,10-0,20	(2) 0,10-0,20
MAIN MOTOR POWER (WITHOUT VARIATOR) MOTOR 1500/3000 rpm.	1,1/1,6 HP	1,5/1,9 HP	1,1/1,6 HP	1,5/1,9 HP
MAIN MOTOR POWER (WITH VARIATOR) MOTOR 1500 rpm.	2 HP			
SPINDLE CONE	MT.3			
SPINDLE STROKE	120 mm			
SPINDLE STROKE WITH HYDROBLOCK (SERIE SE)	90 mm	90 mm	-	-
DISTANCE SPINDLE-COLUMN	250 mm			
DISTANCE SPINDLE-TABLE (MODELS WITHOUT COOLANT)	Min. 155 / Max. 485 mm			
DISTANCE SPINDLE-TABLE (MODELS WITH COOLANT)	Min. 225 / max. 555 mm			
COLUMN DIAMETER	Ø100 mm			
DIMENSIONS OF THE TABLE/BASE (WITHOUT COOLANT)	270x270 mm			
DIMENSIONS OF THE TABLE/BASE (WITH COOLANT)	316x288 mm			
WEIGHT: NET / GROSS Kg.	200 / 210 Kg.			
PACKAGING DIMENSIONS AND VOLUME	800x600x1450 mm / 0,7 m ³			
WEIGHT: NET / GROSS KG. WITH BASE CABINET	240 / 260 Kg.			
PACKAGING DIMENSIONS AND VOLUME WITH BASE CABINET	800x600x2250 mm / 1,08 m ³			

Dimensions



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SERIE C

COLUMN DRILLING MACHINES

- Manual feed
- V-belt drive
- Displaceable table and fixed headstock

						
ø 18 mm ø 25 mm ø 30 mm	M 14 M 18 M 25	0,68/1,4 HP 0,95/1,8 HP 1,2/2 HP	MT 3	120 mm	ø 100 mm	250 mm

Standard equipment

- Adjustable depth end
- Lighting equipment
- Tool ejector
- Belt cover with stop micro
- Motor guard and emergency push button
- Emergency push button
- Main switch
- Turning sense selector
- Electrical equipment at low voltage
- Electrical equipment in a separate cabinet
- Drill guard with stop micro
- CE norms



Extra Equipment

20020	Frontal wheel for fine sensitive feed
20021	Speed digital reader (for models with variator)
20022	Depth digital reader
20023	Speed electronic variator
20042	Tapping system IR/RS
20043	Tapping system IR/RS (for models with variator)
20070	Automatic tapping system by lead screw
20082	Rotating table
10085	Cycles counter (for models with hydroblock)
20110	Column supplement
20120	Hydroblock (includes the base and electric cabinets)
91118	Coolant equipent in the base

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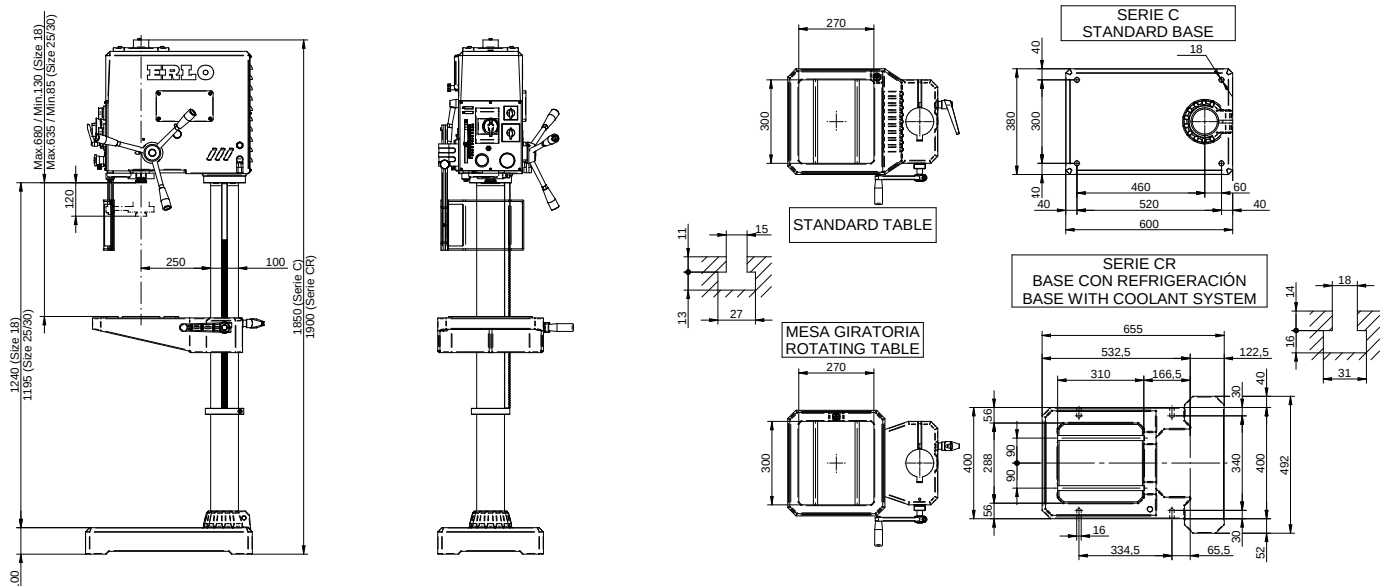
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Characteristics

	C.18	C.25	C.30
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	18	25	30
TAPPING CAPACITY IN STEEL OF 70 Kg.	M14	M18	M25
TRANSMISSION	V-BELT		
SPEED NUMBER AND RANGE (WITHOUT VARIATOR) 50 HZ.	(10) 245 - 355 - 490 - 710 - 835 - 1.240 - 1.670 - 2.000 - 2.480 - 4.000 rpm.		
SPEED NUMBER AND RANGE (WITH VARIATOR)	Variables A) 120-760 B) 170-1100 C) 400-2580 D) 600-3800 E) 950-6000 rpm.		
FEED	MANUAL		
MAIN MOTOR POWER (WITHOUT VARIATOR) MOTOR 750/1500 rpm.	0,68/1,4 HP	0,95/1,8 HP	1,2/2 HP
MAIN MOTOR POWER (WITH VARIATOR) MOTOR 1000 rpm.	1,5 HP	2 HP	2 HP
SPINDLE CONE	MT3		
SPINDLE STROKE	120 mm		
SPINDLE STROKE WITH HYDROBLOCK	90 mm		
DISTANCE SPINDLE-COLUMN	250 mm		
DISTANCE SPINDLE-TABLE	Min. 85 mm/ Max. 635 mm		
DISTANCE SPINDLE-BASE	1195 mm		
COLUMN DIAMETER	Ø100 mm		
DIMENSIONS OF THE TABLE (WITH 2 T SLOTS)	270x300 mm		
DIMENSIONS OF THE BASE WITHOUT T SLOTS (WITHOUT COOLANT)	600x380 mm		
DIMENSIONS OF THE BASE WITH 2 T SLOTS (WITH COOLANT)	665x400 mm		
WEIGHT: NET / GROSS Kg.	260/320 Kg.		
PACKAGING DIMENSIONS AND VOLUME	2110x570x800 / 0,97 m ³		

Dimensions



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SERIE TS-TSA.25-30

COLUMN DRILLING MACHINES

- Manual feed (serie TS) and automatic feed (serie TSA)
- Geared drive
- Displaceable table and fixed headstock



Standard equipment

- Adjustable depth end
- Lighting equipment
- Tool ejector
- Motor guard and emergency push button
- Main switch
- Turning sense selector
- Electrical equipment at low voltage
- Electrical equipment in a separate cabinet
- Drill guard with stop micro
- CE norms



Extra Equipment

30020 Frontal wheel for fine sensitive feed (only for TS serie)

30023 Speed electronic variator

30021 Speed digital reader (for models with variator)

30022 Depth digital reader

30042 Tapping system IR/RS

30043 Tapping system IR/RS (for models with variator)

30070 Automatic tapping system by lead screw

30082 Rotating table

20085 Cycles counter (for models with hydroblock)

30110 Column supplement

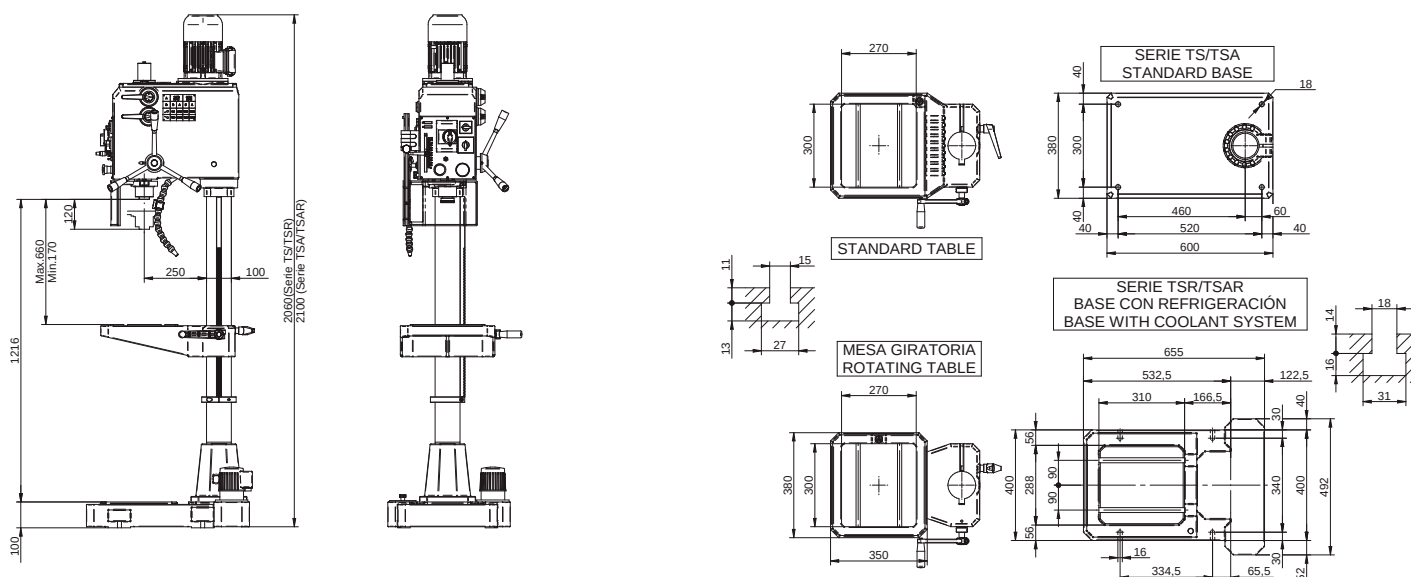
30118 Hydroblock (for models TS)

91118 Coolant equipent in the base

Characteristics

	TS.25	TS.30	TSA.25	TSA.30
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	25	30	25	30
TAPPING CAPACITY IN STEEL OF 70 Kg.	M22	M25	M22	M25
TRANSMISSION	GEARS (Hardened and ground)			
SPEED NUMBER AND RANGE (WITHOUT VARIATOR)	(8) 65 - 125 - 185 - 365 - 540 - 1.055 - 1.560 - 3.060 rpm.			
SPEED NUMBER AND RANGE (WITH VARIATOR)	VARIABLES A)45-125 B) 125-370 C) 380-1070 D) 1100-3100 rpm.			
FEED	MANUAL	MANUAL	AUTOMATIC	AUTOMATIC
NUMBER AND RANGE OF FEEDS	-	-	(2) 0,10-0,20	(2) 0,10-0,20
MAIN MOTOR POWER (WITHOUT VARIATOR) MOTOR 1500/3000 rpm.	1,1/1,6 HP	1,5/1,9 HP	1,1/1,6 HP	1,5/1,9 HP
MAIN MOTOR POWER (WITH VARIATOR) MOTOR 1500 rpm.	2 HP			
SPINDLE CONE	MT3			
SPINDLE STROKE	120 mm			
SPINDLE STROKE WITH HYDROBLOCK (SERIE TS)	90 mm	90 mm	-	-
DISTANCE SPINDLE-COLUMN	250 mm			
DISTANCE SPINDLE-TABLE	Min. 170/Máx. 660 mm			
DISTANCE SPINDLE-BASE	1216 mm			
COLUMN DIAMETER	Ø100 mm			
DIMENSIONS OF THE TABLE (WITH 2 T SLOTS)	270x300 mm			
DIMENSIONS OF THE BASE WITHOUT T SLOTS (WITHOUT COOLANT)	600x380 mm			
DIMENSIONS OF THE BASE WITH T SLOTS (WITH COOLANT)	665x400 mm			
WEIGHT: NET / GROSS Kg.	260 / 320 Kg.			
PACKAGING DIMENSIONS AND VOLUME	2200x600x900 / 1,19 m ³			

Dimensions



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SERIE TSA-TSE.32-35

COLUMN DRILLING MACHINES

- Automatic feed, mechanical clutch (serie TSA) and electromagnetic clutch (serie TSE)
- Geared drive
- Displaceable table and fixed headstock



Standard equipment

- Adjustable depth end
- Lighting equipment
- Tool ejector
- Motor guard and emergency push button
- Main switch
- Turning sense selector
- Electrical equipment at low voltage
- Electrical equipment in a separate cabinet
- Drill guard with stop micro
- CE norms

Extra Equipment

- | | |
|--------------|--|
| 30020 | Frontal wheel for fine sensitive feed |
| 30023 | Speed electronic variator |
| 30021 | Speeds digital reader (for models with variator) |
| 30022 | Depth digital reader |
| 30042 | Tapping system IR/RS |
| 30043 | Tapping system IR/RS (for models with variator) |
| 30070 | Automatic tapping system by lead screw |
| 30084 | Rotating and tilting table |
| 20087 | Rotating reversible table with vice |
| 30110 | Column supplement |
| 30140 | EMEL pneumatic synchronized cycle (models TSE) |
| 30145 | Integral drilling cycle for tubes/profiles and intermittances (models TSE) |
| 91118 | Coolant equipment in the base |
| 91126 | Bi manual command |

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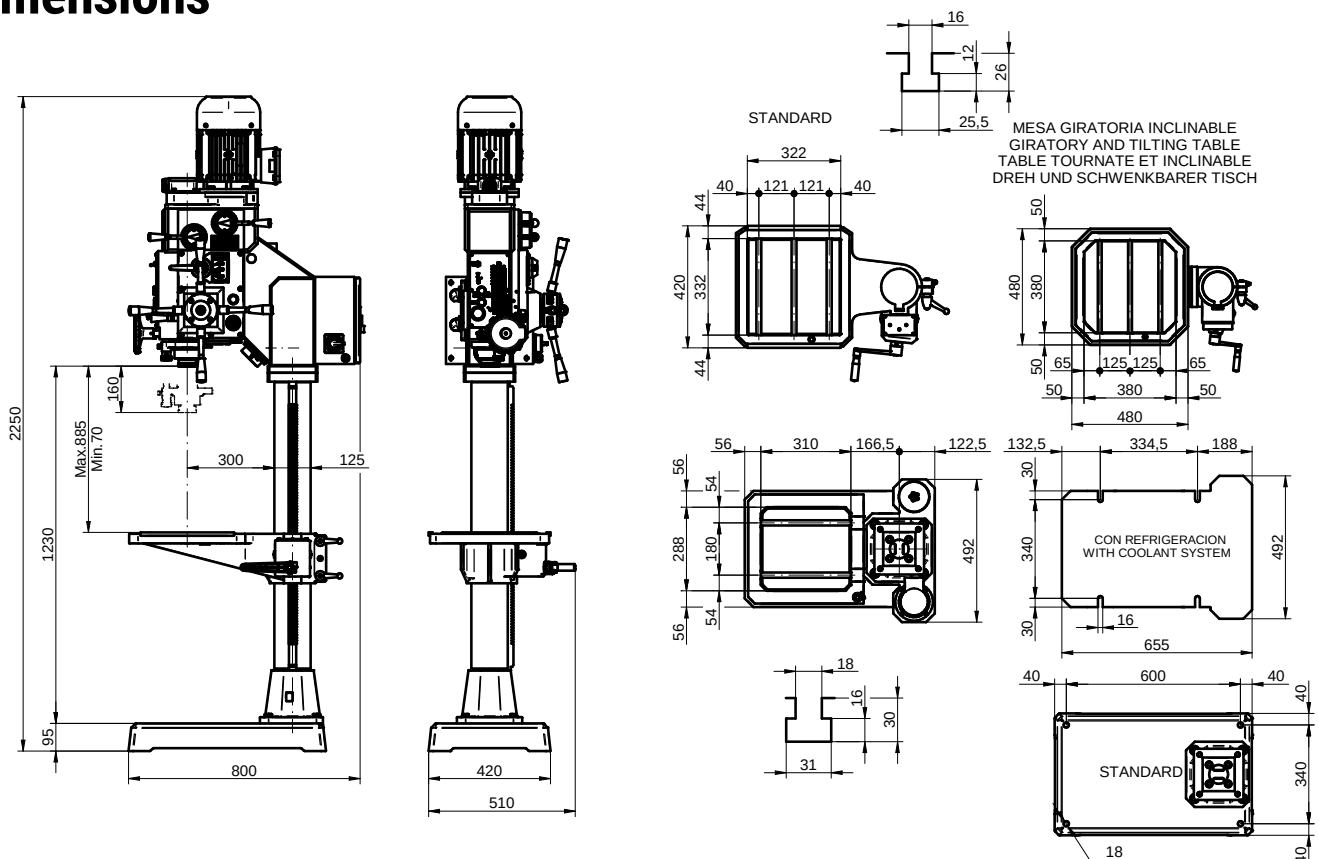
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Characteristics

	TSA.32	TSA.35	TSE.32	TSE.35
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	32	35	32	35
TAPPING CAPACITY IN STEEL OF 70 Kg.	M28	M30	M28	M30
TRANSMISSION	GEARS (Hardened and grounded)			
SPEED NUMBER AND RANGE (WITHOUT VARIATOR)	(8) 75 - 150 - 235 - 325 - 470 - 650 - 1.050 - 2.100 rpm.			
SPEED NUMBER AND RANGE (WITH VARIATOR)	VARIABLES A) 75 -175 B) 240 - 570 C) 330 - 780 D) 1060 - 2500 rpm			
FEED	AUTOMATIC			
NUMBER AND RANGE OF FEEDS	(3) 0,10-0,20-0,30			
CLUTCH	MECHANIC (Automatic)		ELECTROMAGNETIC	
MAIN MOTOR POWER (WITHOUT VARIATOR) MOTOR 750/1500 rpm.	1/1,5 HP	1,2/2 HP	1/1,5 HP	1,2/2 HP
MAIN MOTOR POWER (WITH VARIATOR) MOTOR 1500 rpm.	2 HP			
SPINDLE CONE	MT4			
SPINDLE STROKE	160 mm			
DISTANCE SPINDLE-COLUMN	300 mm			
DISTANCE SPINDLE-TABLE	Min. 70 / Max. 885 mm			
DISTANCE SPINDLE-BASE	1.245 mm			
COLUMN DIAMETER	Ø125 mm			
DIMENSIONS OF THE TABLE WITH 3 T SLOTS	400x420 mm			
DIMENSIONS OF THE BASE WITHOUT T SLOTS (WITHOUT COOLANT)	400x655 mm			
DIMENSIONS OF THE BASE WITH T SLOTS (WITH COOLANT)	492x655 mm			
WEIGHT: NET / GROSS Kg.	300 / 400 Kg.			
PACKAGING DIMENSIONS AND VOLUME	2370x600x960 mm / 1,37 m³			

Dimensions



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SERIE TSA-TSE.40-45

COLUMN DRILLING MACHINES

- Automatic feed, mechanical clutch (serie TSA) and electromagnetic clutch (serie TSE)
- Geared drive
- Displaceable table and fixed headstock



Standard equipment

- Adjustable depth end
- Lighting equipment
- Coolant equipment
- Rotating and tilting table
- Frontal wheel for fine sensitive feed
- Tool ejector
- Motor guard
- Emergency push button
- Main switch
- Turning sense selector
- Electrical equipment at low voltage
- Electrical equipment in a separate cabinet
- Drill guard with stop micro
- CE norms

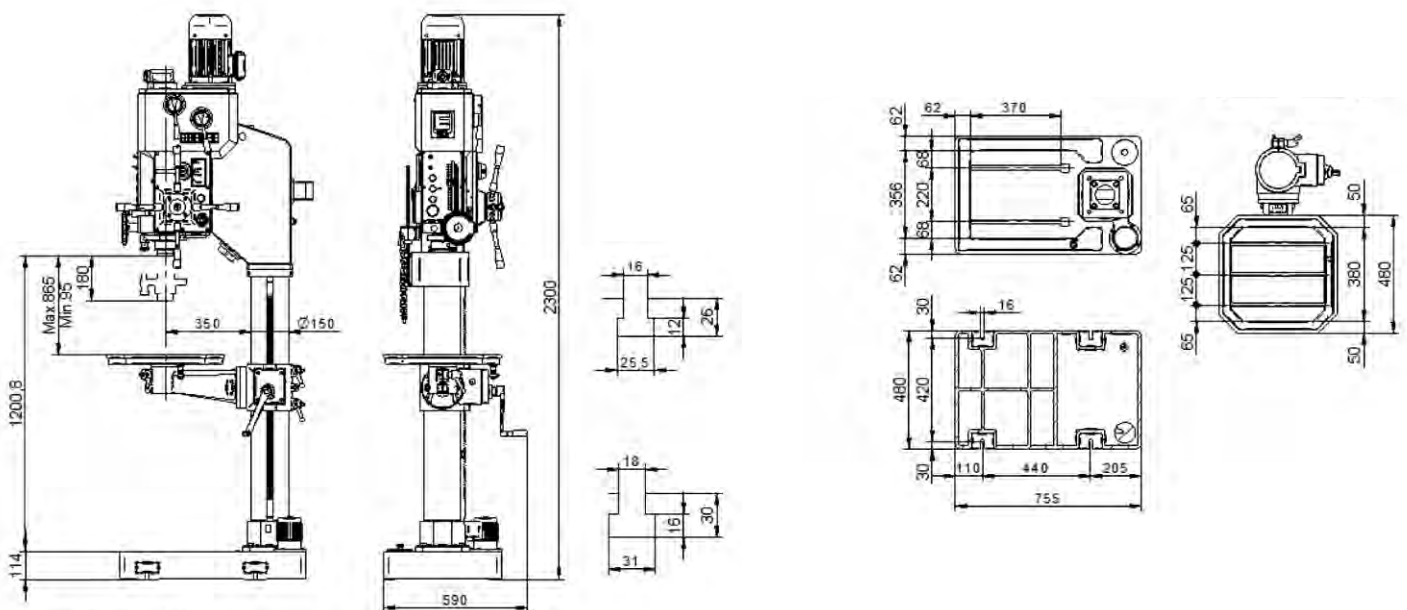
Extra Equipment

- | | |
|--------------|--|
| 30023 | Speed electronic variator |
| 30021 | Speed digital reader (for models with variator) |
| 30022 | Depth digital reader |
| 30042 | Tapping system IR/RS |
| 30043 | Tapping system IR/RS (for models with variator) |
| 30070 | Automatic tapping system by lead screw |
| 30110 | Column supplement |
| 30140 | EMEL pneumatic synchronized cycle (models TSE) |
| 30145 | Integral drilling cycle for tubes/profiles and intermittances (models TSE) |

Characteristics

	TSA.40	TSA.45	TSE.40	TSE.45
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	40	45	40	45
TAPPING CAPACITY IN STEEL OF 70 Kg.	M32	M35	M32	M35
TRANSMISSION	GEARS (Hardened and ground)			
SPEED NUMBER AND RANGE (WITHOUT VARIATOR)	(8) 93 - 152 - 204 - 298 - 443 - 695 - 970 - 1.420 rpm.			
SPEED NUMBER AND RANGE (WITH VARIATOR)	VARIABLES A) 45-145 B) 65-207 C) 100-316 D) 144-460 E) 215-686 F) 307-985 G) 470-1500 H) 690-2200 rpm			
FEED	AUTOMATIC			
NUMBER AND RANGE OF FEEDS	(3) 0,10-0,18-0,24			
CLUTCH	MECHANIC (Automatic)		ELECTROMAGNETIC	
MAIN MOTOR POWER (WITHOUT VARIATOR) MOTOR 1500 rpm.	2 HP	3 HP	2 HP	3 HP
MAIN MOTOR POWER (WITH VARIATOR) MOTOR 1500 rpm.	3 HP			
SPINDLE CONE	MT4			
SPINDLE STROKE	180 mm			
DISTANCE SPINDLE-COLUMN	350 mm			
DISTANCE SPINDLE-TABLE	Min. 95 / Max. 865 mm			
DISTANCE SPINDLE-BASE	1.220 mm			
COLUMN DIAMETER	Ø150 mm			
DIMENSIONS OF THE TABLE WITH 3 T SLOTS	480x480 mm			
DIMENSIONS OF THE BASE WITH T SLOTS	480x755 mm			
ELECTRICAL EQUIPMENT IN A SEPARATE CABINET	NO			
WEIGHT: NET / GROSS Kg.	435 / 565 Kg.			
PACKAGING DIMENSIONS AND VOLUME	2380x620x1050 mm / 1,55 m ³			

Dimensions



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SERIE TCA-TCE

COLUMN DRILLING MACHINES

- Automatic feed, mechanical clutch (serie TCA) and electromagnetic clutch (serie TCE)
- Geared drive
- Displaceable table and fixed headstock

						
ø 40 mm ø 50 mm ø 60 mm ø 70 mm	M 33 M 36 M 42 M 50	3HP 4HP 5,5HP 7,5HP	MT4 MT4 MT5 MT5	200 mm 230 mm 260 mm 260 mm	ø 175 mm ø 200 mm ø 220 mm ø 220 mm	360 mm 400 mm 420 mm 420 mm



Standard equipment

- Hardened and 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
- Rotating and tilting table
- Automatic feed and cut-off by mechanic clutch (TCA) and by electromagnetic clutch (TCE)
- Frontal wheel for fine sensitive feed
- 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 marks

Extra Equipment

40022	Tapping system IR/RS
40023	Tapping system IR/RS by pressing the buttons at handles
40035	Automatic tapping system by lead screw with brake by variator
40036	Automatic tapping system by lead screw with brake by variator and digital rpm reader
40039	Reduced feeds (50% from standard range)
40085	Column supplement 200 mm.
40070	Speed electronic variator
40045	Speed electronic variator and digital reader
40047	Depth digital reader
40012	Please inquiry for special motors
-	Rapid approach and return with pneumatic counterweight (serie TCE)
40100	Integral cycle with encoder (serie TCE)
40110	Integral cycle with encoder and automatic tapping system by lead screw with brake BY variator (serie TCE)
40115	Auxiliary command box (start-stop and emergency stop)
40120	Start-Stop-Emergency control extension

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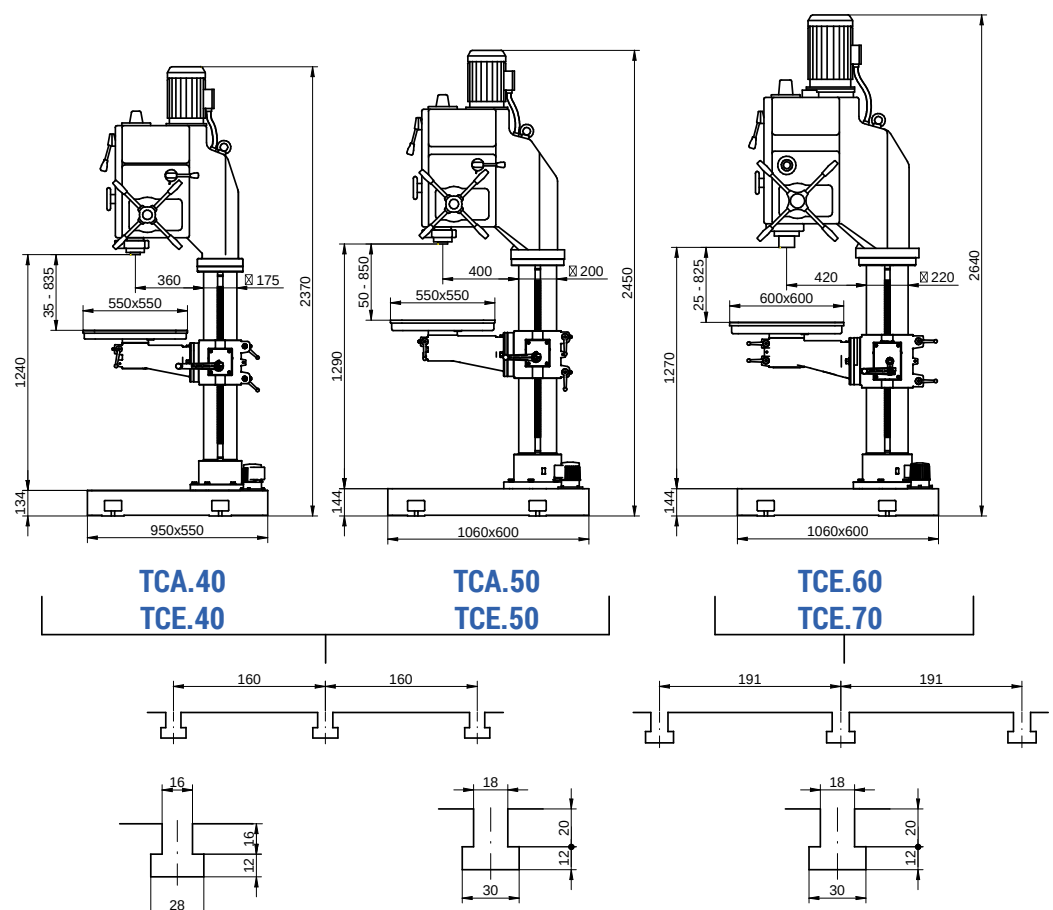
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Characteristics

	TCA.40	TCA.50	TCE.40	TCE.50	TCE.60	TCE.70
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	40	50	40	50	60	70
TAPPING CAPACITY IN STEEL OF 70 Kg.	M33	M36	M33	M36	M42	M50
TRANSMISSION	GEARS (Hardened and ground)					
SPEED NUMBER AND RANGE (WITHOUT VARIATOR)	(9) 61-85-123-191-269-390-574-806-1169 rpm.	(9) 54-75-109-169-237-344-507-712-1032 rpm.	(9) 61-85-123-191-269-390-574-806-1169 rpm.	(9) 54-75-109-169-237-344-507-712-1032 rpm.	(12) 64-80-106-138-199-248-328-429-561-701-926-1210 rpm.	(12) 51-64-84-110-158-198-262-342-447-559-738-966 rpm.
FEED	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
SPEED NUMBER AND RANGE	(4) 0,10-0,20-0,30-0,40				(6) 0,1-0,2-0,3-0,4-0,5-0,6	
CLUTCH	MECHANIC (Automatic)		ELECTROMAGNETIC		ELECTROMAGNETIC	
MAIN MOTOR POWER, MOTOR 1500 rpm.	3 HP	4 HP	3 HP	4 HP	5,5 HP	7,5 HP
SPINDLE CONE	MT4	MT4	MT4	MT4	MT5	MT5
SPINDLE STROKE	200 mm	230 mm	200 mm	230 mm	260 mm	260 mm
DISTANCE SPINDLE-COLUMN	360 mm	400 mm	360 mm	400 mm	420 mm	420 mm
DISTANCE SPINDLE-TABLE	Min. 35/Max. 835	Min. 50/Max.850	Min. 35/Max. 835	Min. 50/Max.850	Min. 25/Max. 825	Min. 25/Max. 825
DISTANCE SPINDLE-BASE	1.240 mm	1.290 mm	1.240 mm	1.290 mm	1.270 mm	1.270 mm
COLUMN DIAMETER	Ø175 mm	Ø200 mm	Ø175 mm	Ø200 mm	Ø220 mm	Ø220 mm
DIMENSIONS OF THE TABLE WITH 3 T SLOTS	550x550 mm		550x550 mm		600X600 mm	
DIMENSIONS OF THE BASE WITH T SLOTS	950x550 mm	1060x600 mm	950x550 mm	1060x600 mm	1060x600 mm	1060x600 mm
WEIGHT: NET / GROSS Kg.	610/695	710/795	610/695	710/795	820/920	840/940
PACKAGING DIMENSIONS AND VOLUME	2500x600x1200 mm / 1,80 m ³	2600x600x1200 mm / 1,88 m ³	2500x600x1200 mm / 1,80 m ³	2600x600x1200 mm / 1,88 m ³	2700x700x1200 / mm / 2,27 m ³	2700x700x1200 / mm / 2,27 m ³

Dimensions



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SERIE V-VP

PROFESSIONAL

- Manual feed (serie V.32 and V.40) - automatic feed (VP.40)
- V-belt drive (V.32), mechanical variator of conical pulleys (V.40 and VP.40)
- Displaceable table and fixed headstock



Standard equipment

- Adjustable depth end
- Tool ejector
- Belt cover with stop micro
- Emergency push button
- Turning sense selector
- Electrical equipment at low voltage
- Drill guard with stop micro
- CE norms



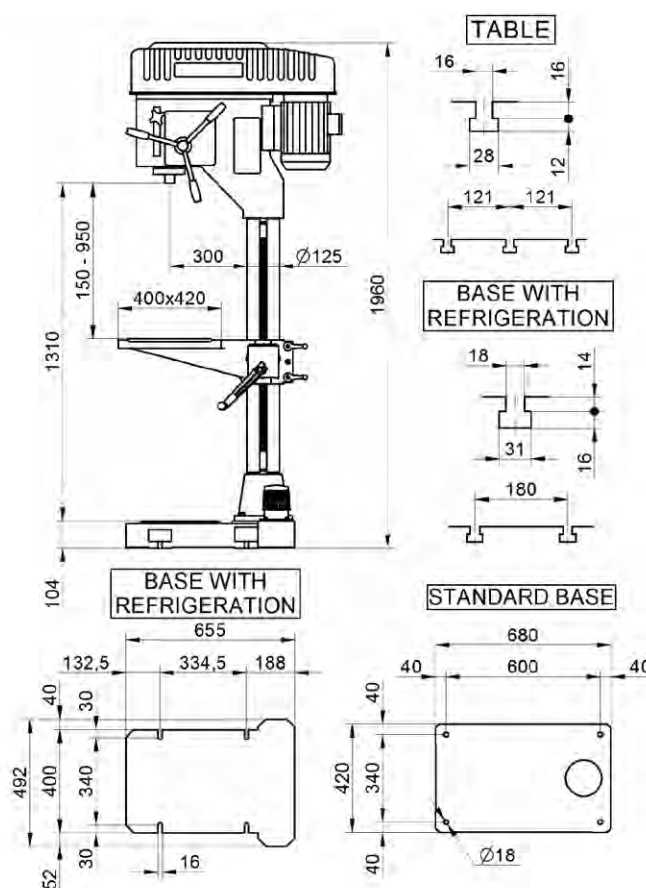
Extra Equipment

- | | |
|-------|--|
| 20010 | Lighting equipment |
| 91118 | Coolant equipment |
| 20082 | Rotating table (serie V.32) |
| 30084 | Rotating and tilting table (series V.40, VP.40) |
| 20087 | Reversible rotating table with vice (series V.40, VP.40) |
| 20042 | Tapping system IR/RS |

Characteristics

	V.32	V.40	VP.40
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	32	40	40
TAPPING CAPACITY IN STEEL OF 70 Kg.	M24	M32	M32
TRANSMISSION	V-BELT	MECHANICAL VARIATOR OF CONICAL PULLEYS	
SPEED NUMBER AND RANGE 50 HZ.	245-355-490-710-835- 1240-1670-2000-2480- 4000 rpm.	Variable 80 - 1170 rpm.	
FEED	MANUAL	MANUAL	AUTOMATIC
NUMBER AND FEED NUMBER	-	-	(2) 0,10-0,20
CLUTCH	-	-	MECÁNICO
MAIN MOTOR POWER - 750/1500 rpm.	1,8/3,2 HP	1,8/3,2 HP	1,8/3,2 HP
SPINDLE CONE	MT3	MT4	MT4
SPINDLE STROKE	120 mm	150 mm	190 mm
DISTANCE SPINDLE-COLUMN	250 mm	300 mm	
DISTANCE SPINDLE-TABLE	Min. 85 mm/ Max. 635 mm	Min. 150 / Max. 950 mm	
DISTANCE SPINDLE-BASE	1195 mm	1310 mm	
COLUMN DIAMETER	Ø100 mm	Ø125 mm	
DIMENSIONS OF THE TABLE (WITH 2 T SLOTS)	270x300 mm	400x420 mm	
DIMENSIONS OF THE BASE WITHOUT T SLOTS (WITHOUT COOLANT)	600x380 mm	400x655 mm	
DIMENSIONS OF THE BASE WITH 2 T SLOTS (WITH COOLANT)	665x400 mm	492x655 mm	
WEIGHT: NET / GROSS Kg.	260 / 320 Kg.	260 / 320 Kg.	
PACKAGING DIMENSIONS AND VOLUME	2110x570x800 mm - 0,97 m ³	2080x630x1110 mm - 1,45 m ³	

Dimensions



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V.40/VP.40

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SERIE G-GP.32

PROFESSIONAL

- Manual feed (serie G.32) and automatic feed (serie GP.32)
- Geared drive
- Displaceable table and fixed headstock



Standard equipment

- Adjustable depth end
- Tool ejector
- Emergency push button
- Turning sense selector
- Electrical equipment at low voltage
- Drill guard with stop micro
- CE norms



Extra Equipment

- | | |
|-------|---------------------------------------|
| 20010 | Lighting equipment |
| 91118 | Coolant equipment |
| 20082 | Rotating table (serie G.32 and GP.32) |
| 20042 | Tapping system IR/RS |

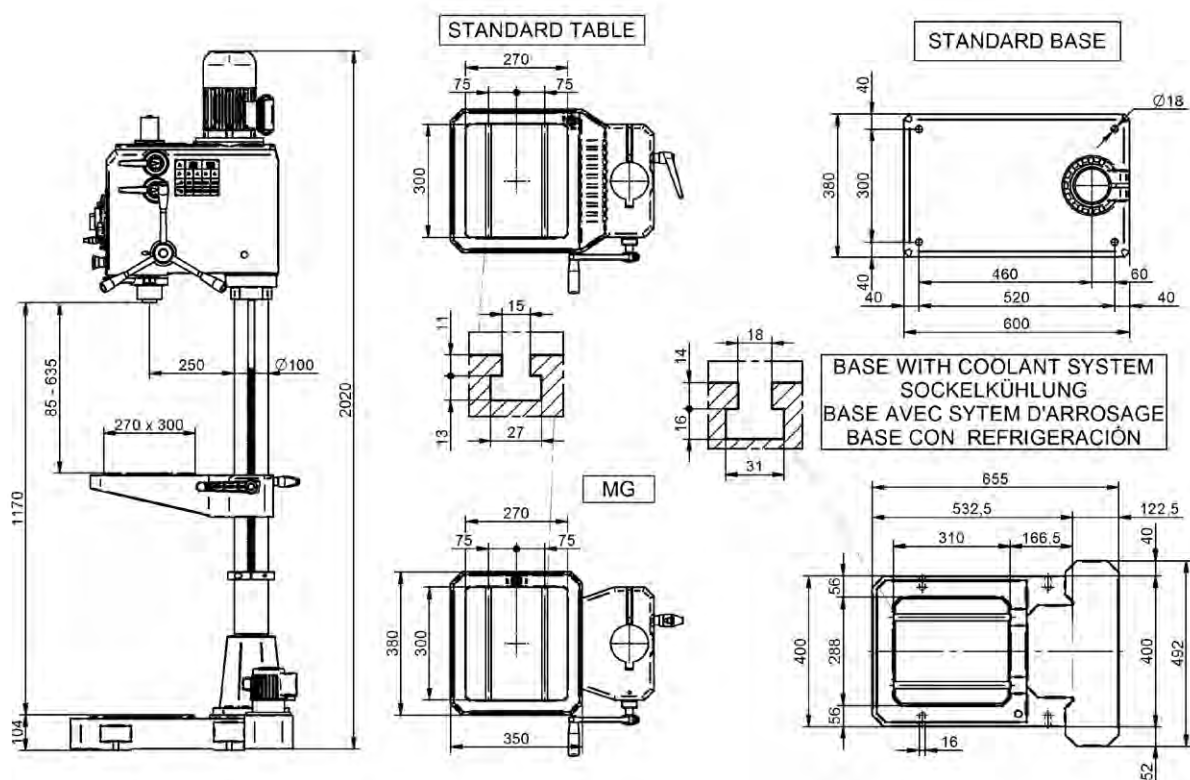
Characteristics

G.32

GP.32

DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	32	
TAPPING CAPACITY IN STEEL OF 70 Kg.	M24	
TRANSMISSION	GEARS (Hardened and ground)	
SPEED NUMBER AND RANGE	65-125-185-365-540-1055-1560-3060 rpm.	
FEED	MANUAL	AUTOMATIC
NUMBER AND RANGE OF FEEDS	-	(3) 0,10-0,20-0,30
CLUTCH	-	MECHANIC
MAIN MOTOR POWER - 750/1500 rpm.	2,5/3,5 HP	
SPINDLE CONE	MT3	
SPINDLE STROKE	120 mm	
DISTANCE SPINDLE-COLUMN	250 mm	
DISTANCE SPINDLE-TABLE	Min. 85 mm/ Max. 635 mm	
DISTANCE SPINDLE-BASE	1170 mm	
COLUMN DIAMETER	Ø100 mm	
DIMENSIONS OF THE TABLE (WITH 2 T SLOTS)	270x300 mm	
DIMENSIONS OF THE BASE WITHOUT T SLOTS (WITHOUT COOLANT)	600x380 mm	
DIMENSIONS OF THE BASE WITH T SLOTS (WITH COOLANT)	665x400 mm	
WEIGHT: NET / GROSS Kg.	260 / 320 Kg.	
PACKAGING DIMENSIONS AND VOLUME	2110x570x800 mm / 0,97m ³	2140x600x800 / 1,02 m ³

Dimensions



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SERIE GP.40-50

PROFESSIONAL

- Automatic feed - mechanical clutch
- Geared drive
- Displaceable table and fixed headstock



Standard equipment

- Adjustable depth end
- Tool ejector
- Motor guard and emergency push button
- Turning sense selector
- Electrical equipment at low voltage
- Drill guard with stop micro
- CE norms



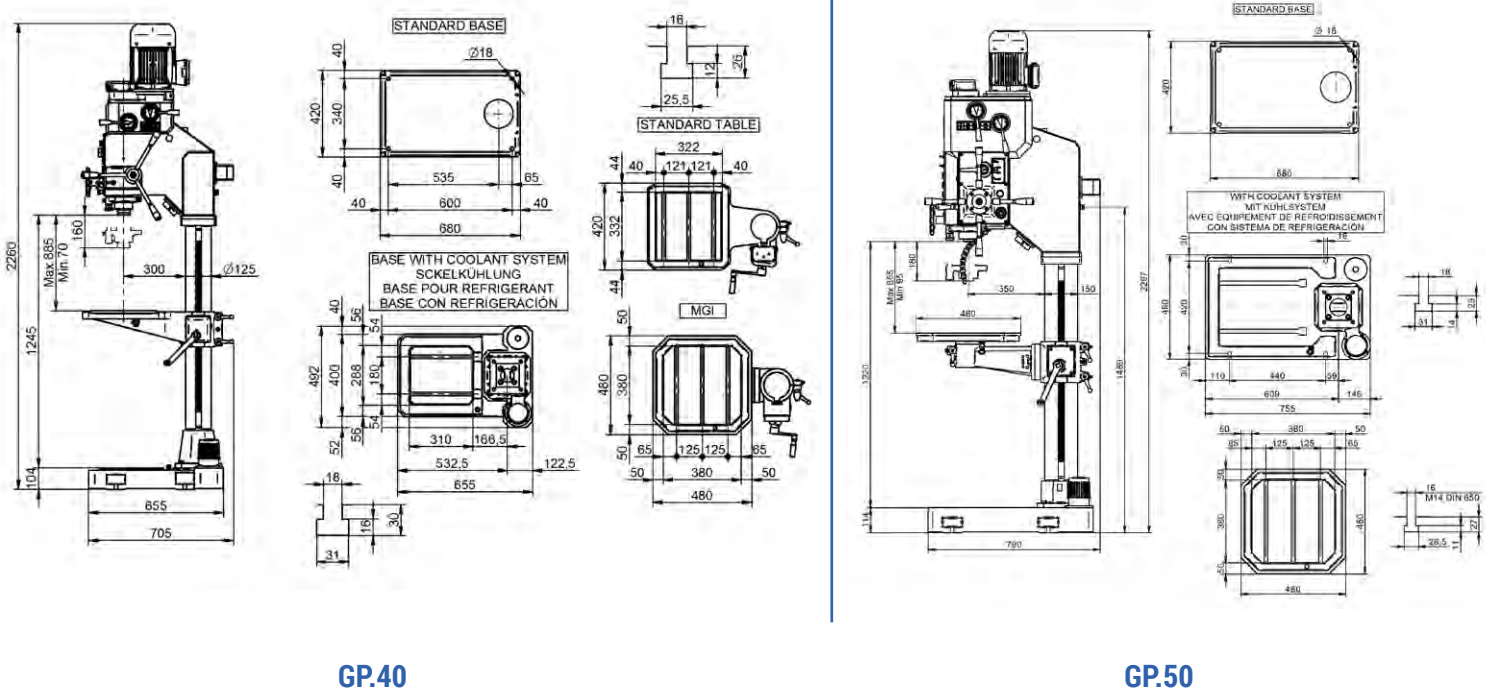
Extra Equipment

- | | |
|--------------|--|
| 20010 | Lighting equipment |
| 91118 | Coolant equipment |
| 30084 | Rotating and tilting table (for serie GP.40 and standard in GP.50) |
| 20087 | Reversible rotating table with vice (series GP.40) |
| 20042 | Tapping system IR/RS |

Characteristics

	GP.40	GP.50
DRILLING CAPACITY IN STEEL OF 70 KG. (mm)	40	50
TAPPING CAPACITY IN STEEL OF 70 KG.	M30	M35
TRANSMISSION	GEARS (Hardened and grounded)	
SPEED NUMBER AND RANGE 50Hz.	75-150-235-325-470-650 1050-2100 rpm.	93-152-204-298-443 695-970-1420 rpm.
MAIN MOTOR POWER (rpm)	1,8/3,2 HP - 750/1500 rpm.	4 HP - 1500 rpm.
FEED	AUTOMATIC	
NUMBER AND RANGE OF FEEDS	(3) 0,10-0,20-0,30	(3) 0,10-0,18-0,24
CLUTCH	MECHANIC	
SPINDLE CONE	MT4	
SPINDLE STROKE	160 mm	180 mm
DISTANCE SPINDLE-COLUMN	300 mm	350 mm
DISTANCE SPINDLE-TABLE	Min. 70 mm/ Max. 885 mm	Min. 95 mm/ Max. 865 mm
DISTANCE SPINDLE-BASE	1230 mm	1220 mm
COLUMN DIAMETER	Ø125 mm	Ø150 mm
DIMENSIONS OF THE TABLE WITH T SLOTS	400x420 mm	480x480 mm
DIMENSIONES OF THE BASE	400x655 mm	
COOLANT EQUIPMENT	NO	
LIGHTING EQUIPMENT	NO	
WEIGHT: NET / GROSS KG.	300/400 Kg.	435/565 Kg.
PACKAGING DIMENSIONS AND VOLUME	2370x600x960 mm / 1,37 m ³	2380x620x1050 mm / 1,55 m ³

Dimensions



GP.40

GP.50

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SERIE SH

BENCH TYPE TAPPING MACHINES

- Automatic tapping feed
- V-belt drive
- Fixed table, displaceable and rotating headstock
- Base cabinet with door and drawer



Standard equipment

- Table/base with "T" slots
- Adjustable depth end
- Lighting equipment
- Tool ejector
- Belt cover with stop micro
- 1 lead screw included, pitch to be determined
- Tapping cycle selection (1 cycle / continuous cycle)
- Automatic or manual tapping selection
- Adjustable ends and micros, for depth, turning and stop
- Bracking device for variator
- Emergency push button
- Main switch
- Turning sense selector
- Electrical equipment at low voltage
- Electrical equipment in a separate cabinet
- Drill guard with stop micro
- CE norms



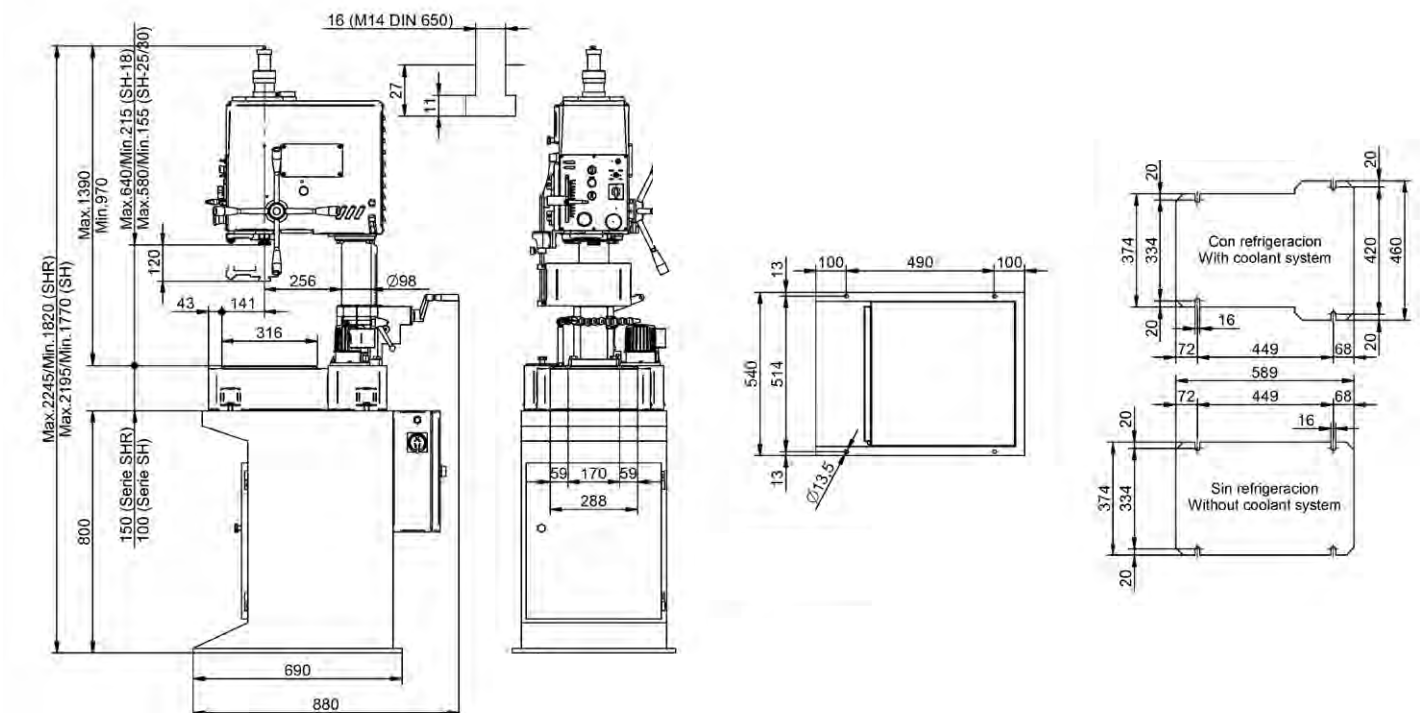
Extra Equipment

- | | |
|-------|--|
| 10020 | Frontal wheel for fine sensitive feed |
| 10022 | Depth digital reader |
| 10075 | Lead screw, special pitch |
| 10080 | Lead screw, standard pitch |
| 10085 | Cycles counter |
| 10087 | Fixed intermediate table |
| 10088 | Rotating intermediate table |
| 10110 | Column supplement |
| 72010 | Cycle start foot switch |
| 78110 | Non reversible tap holder, capacity M3 to M16 with locking nut |
| 91118 | Coolant equipment |

Characteristics

	SH.18	SH.30
TAPPING CAPACITY IN STEEL OF 70 Kg.	M14	M25
TRANSMISSION	V-BELT	
SPEED NUMBER AND RANGE (WITHOUT VARIATOR) 50 Hz.	(10) 245 - 355 - 490 - 710 - 835 - 1.240 - 1.670 - 2.000 - 2.480 - 4.000 rpm.	
DRILLING FEED	MANUAL	
MAIN MOTOR POWER MOTOR 1000 rpm.	1,5 HP	2 HP
SPINDLE CONE	MT3	
MAXIMUM TAPPING DEPTH	90 mm	
DISTANCE SPINDLE-COLUMN	250 mm	
DISTANCE SPINDLE-TABLE (MODELS WITHOUT COOLANT)	Min. 155 mm/ Max. 485 mm	
DISTANCE SPINDLE-TABLE (MODELS WITH COOLANT)	Min. 225 mm/ Max. 555 mm	
COLUMN DIAMETER	Ø100 mm	
DIMENSIONS OF THE TABLE/BASE (WITHOUT COOLANT)	270x270 mm	
DIMENSIONS OF THE TABLE/BASE (WITH COOLANT)	316x288 mm	
WEIGHT: NET / GROSS Kg. WITH BASE CABINET	230 / 250 Kg.	
PACKAGING DIMENSIONS AND VOLUME WITH BASE CABINET	1100x700x1900 mm / 1,5 m ³	

Dimensions



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SERIE SHE-SHEA

BENCH TYPE TAPPING MACHINES

- Automatic tapping feed
- Geared drive
- Fixed table, displaceable and rotating headstock
- Base cabinet with door and drawer



Standard equipment

- Table/base with "T" slots
- Adjustable depth end
- Lighting equipment
- Tool ejector
- 1 lead screw included, pitch to be determined
- Tapping cycle selection (1 cycle / continuous cycle)
- Automatic or manual tapping selection
- Adjustable ends and micros, for depth, turning and stop
- Bracking device for variator
- Emergency push button
- Main switch
- Turning sense selector
- Electrical equipment at low voltage
- Electrical equipment in a separate cabinet
- Drill guard with stop micro
- CE norms



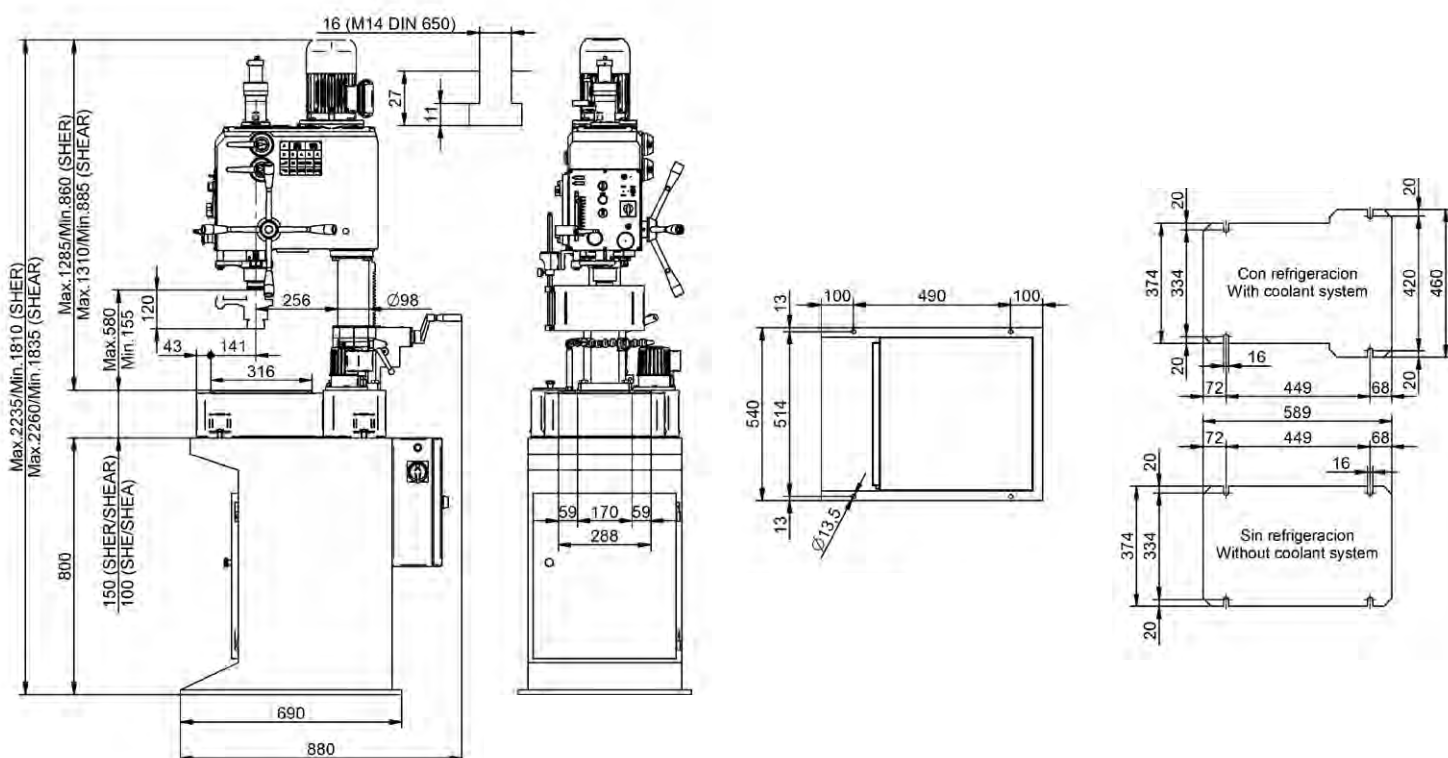
Extra Equipment

10020	Frontal wheel for fine sensitive feed (only for SHE serie)
10022	Depth digital reader
10075	Lead screw, special pitch
10080	Lead screw, standard pitch
10085	Cycles counter
10087	Fixed intermediate table
10088	Rotating intermediate table
10110	Column supplement
72010	Cycle start foot switch
78110	Non reversible tap holder, capacity M3 to M16 with locking nut
91118	Coolant equipment

Characteristics

	SHE.30	SHEA.30
TAPPING CAPACITY IN STEEL OF 70 Kg.	M25	M25
TRANSMISSION	GEARS (Hardened and ground)	
SPEED NUMBER AND RANGE (WITHOUT VARIATOR)	(8) 65 - 125 - 185 - 365 - 540 - 1.055 - 1.560 - 3.060 rpm.	
DRILLING FEED	MANUAL	AUTOMÁTICO
NUMBER AND RANGE OF FEEDS	-	(2) 0,10-0,20
MAIN MOTOR POWER MOTOR 1500 rpm.	2 HP	
SPINDLE CONE	MT3	
MAXIMUM TAPPING DEPTH	90 mm	
DISTANCE SPINDLE-COLUMN	250 mm	
DISTANCE SPINDLE-TABLE (MODELS WITHOUT COOLANT)	Min. 155 / Max. 485 mm	
DISTANCE SPINDLE-TABLE (MODELS WITH COOLANT)	Min. 225 / max. 555 mm	
COLUMN DIAMETER	Ø100 mm	
DIMENSIONS OF THE TABLE/BASE (WITHOUT COOLANT)	270x270 mm	
DIMENSIONS OF THE TABLE/BASE (WITH COOLANT)	316x288 mm	
WEIGHT: NET / GROSS Kg. WITH BASE CABINET	290 / 340 Kg.	
PACKAGING DIMENSIONS AND VOLUME WITH BASE CABINET	1100x700x2250 mm	

Dimensions



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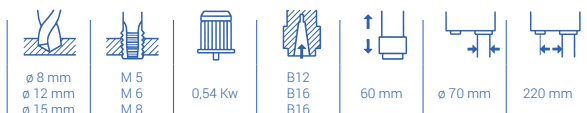
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SERIE FT

BENCH TYPE TAPPING MACHINES

- Manual feed
- Electronic variator



Standard equipment

- Digital multifunction screen with:
 - Speed adjust and viewer
 - Depth viewer
 - Selector drilling/tapping
 - Button to set up 0 position
- Lighting equipment
- Magnetothermic switch
- Emergency push stop
- Drill guard with stop micro

NOTE: Base cabinet with door and shelves is optional equipment.



Extra Equipment

FT0005 Base cabinet with door and shelves

FT0010 Drill chuck capacity 0,5/8 mm. B12, accuracy of concentricity: 0,20 mm

FT0015 Keyless drill chuck (0,5-6 mm) B12, accuracy of concentricity: 0,05 mm

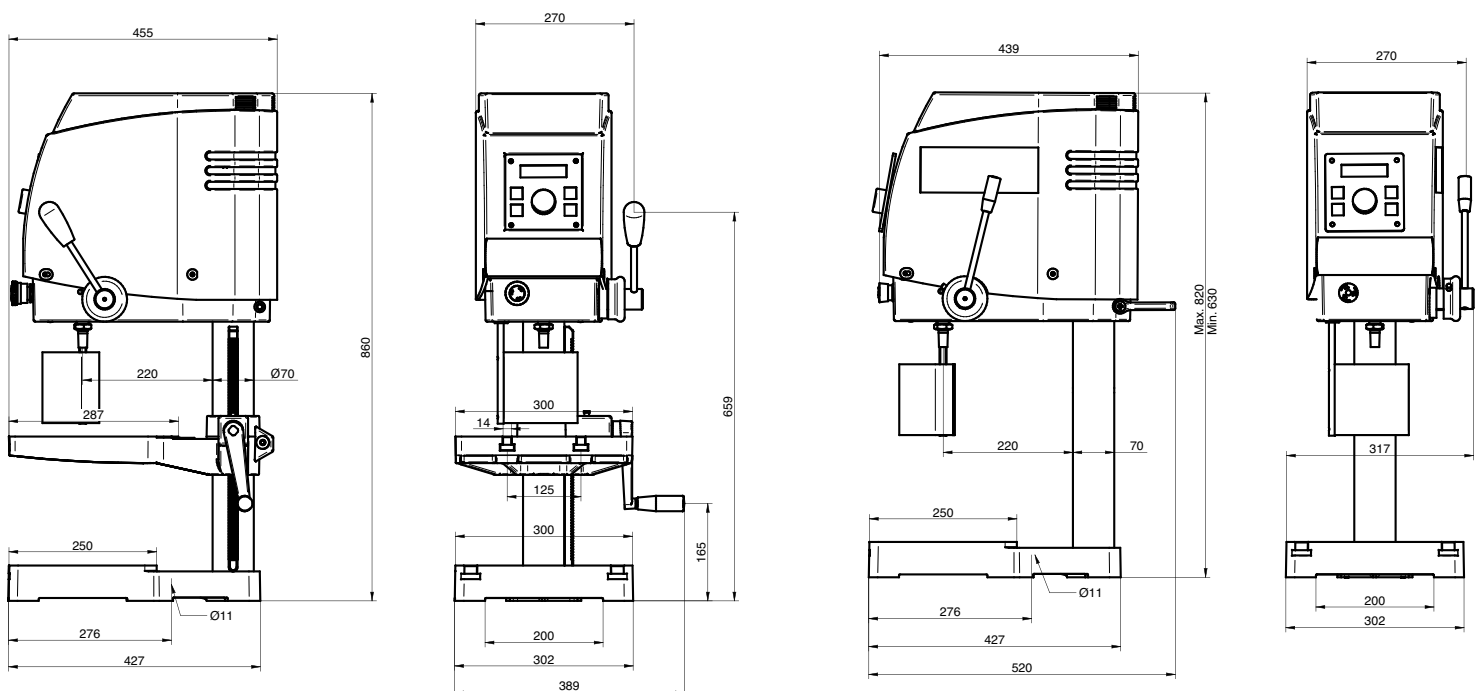
FT0020 Fixed base vice, opening 95 mm

FT0025 Fixed intermediate table (Standard in FT-4 models)

Characteristics

	FT-1	FT-6	FT-4
DRILLING CAPACITY	8 mm	12 mm	15 mm
CONTINUOUS DRILLING CAPACITY	6 mm	10 mm	13 mm
TAPPING CAPACITY	M5	M6	M8
SPINDLE CONE	B12	B16	B16
VARIABLE SPEED RANGE	200-10000 rpm.	120-6000 rpm.	40-4000 rpm.
VOLTAGE MOTOR / POWER - SINGLE PHASE	230V. / 0,54 kW	230V/0,54 kW	230V/0,54kW
VARIATOR TYPE:	ELECTRONIC	ELECTRONIC	ELECTRONIC
DRILLING DEPTH	60 mm	60 mm	60 mm
DISTANCE SPINDLE NOSE TO COLUMN	220 mm	220 mm	220 mm
DISTANCE SPINDLE-TABLE	140 mm	140 mm	Min. 85/Max. 370 mm
DISTANCE SPINDLE-BASE	315 mm	315 mm	420 mm
COLUMN DIAMETER	70 mm	70 mm	70 mm
NUMBER OF "T" SLOTS	2 CROSS SLOTS	2 CROSS SLOTS	2 CROSS SLOTS
DISTANCE BETWEEN SLOTS	N/A	N/A	125 mm
FEED	MANUAL	MANUAL	MANUAL
HEADSTOCK HEIGHT ADJUSTMENT	MANUAL	MANUAL	N/A
TABLE HEIGHT ADJUSTMENT	N/A	N/A	BY RACK
TABLE DIMENSIONS (WIDTH X HEIGHT)	300x250 mm	300x250 mm	300x250 mm
DIMENSIONS	320x450x830 mm	320x450x830 mm	440x450x860 mm
NET WEIGHT	44 Kgr.	44 Kgr.	62 Kgr.

Dimensions



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SERIE TF

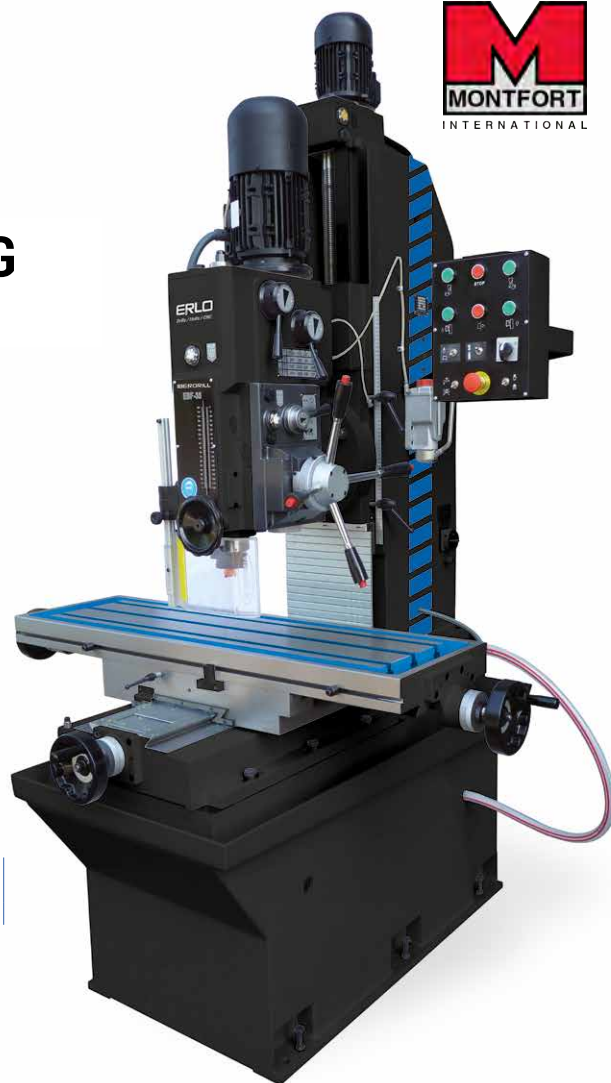


PRISMATIC COLUMN DRILLING MILLING MACHINE

- Automatic feed - Electromagnetic clutch
- Geared drive
- Cross table
- Fixed base and displaceable headstock

Standard equipment

- Motorized headstock displacement
- Prismatic column
- Guides, Column and table manual greasing pump
- Depth adjustable end
- Frontal wheel for fine sensitive feed
- Coolant equipment
- Tool spanning system
- Lighting equipment
- Main switch
- Emergency push button
- Turning sense selector
- Electrical equipment at low voltage
- Command plate installed in articulated arm
- Drill guard with stop micro
- CE norms



Extra Equipment

- | | |
|--------------|---|
| 50012 | Depth digital reading |
| 50020 | Reversing for tapping IR/RS |
| 50035 | Tapping system by lead screw with braking device (1 spindle included) |
| 50038 | Additional lead screw special pitch |
| 50040 | Additional lead screw standard pitch |
| 50070 | Automatic longitudinal displacement by motorised feed box |
| 50080 | Automatic transversal displacement by motorised feed box |
| 50089 | 1 axis digital viewer (in control plate over articulated arm) |
| 50090 | 2 axis digital viewer (in control plate over articulated arm) |
| 50100 | 3 axis digital viewer (in control plate over articulated arm) |
| 50120 | Collet chucks, set of collets, key, box and locking nut |
| 50130 | Column supplement 250 mm. |
| 50140 | Supplement by ISO.30 taper |
| 50141 | Supplement by ISO.40 taper |
| 50170 | Automatic tool fastening for ISO taper |
| 50220 | Column prolongation |
| 50250 | Emel pneumatic synchronised cycle |
| 50255 | Integral drilling cycle for tubes/ profiles and intermittences |
| 91116 | Bi manual command |

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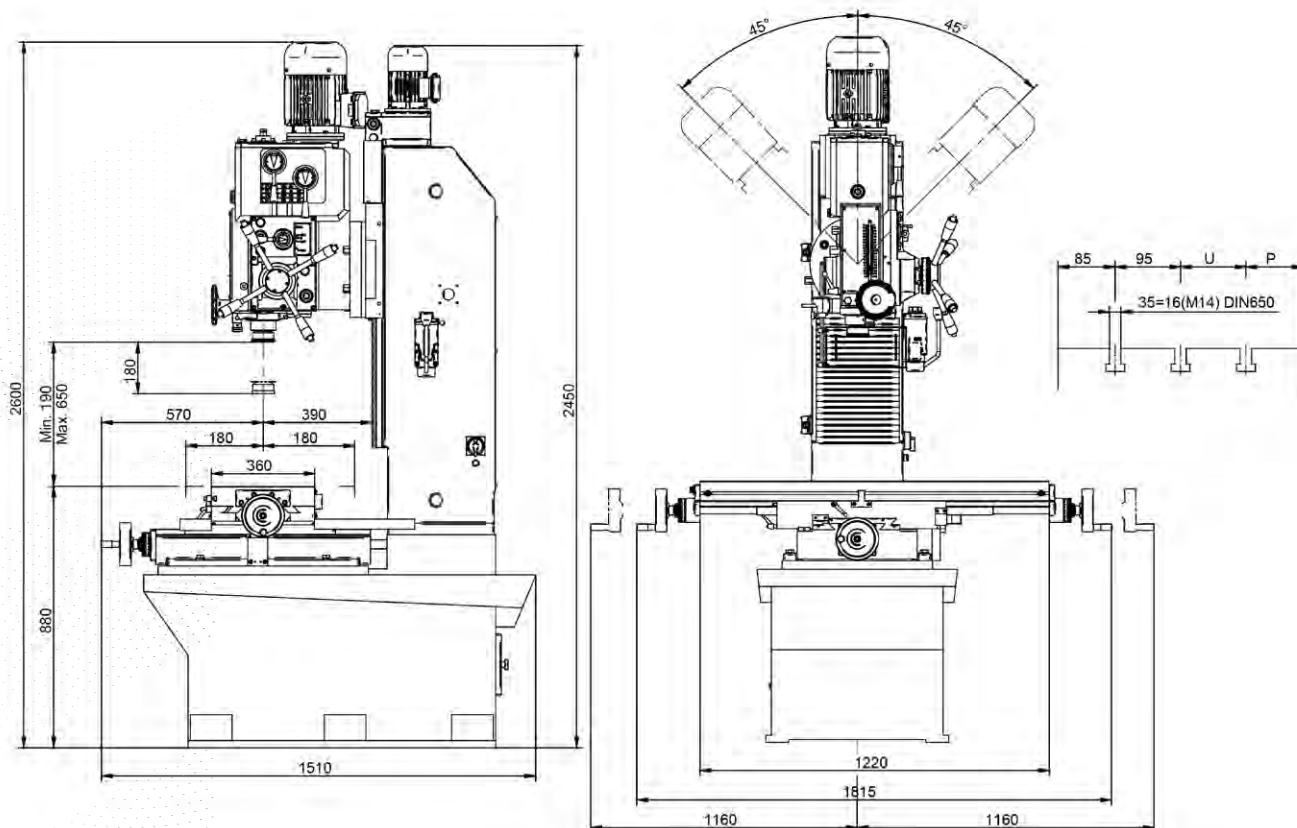
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Characteristics

TF.35

DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	35
TAPPING CAPACITY IN STEEL OF 70 Kg. (mm)	M35
MILLING CAPACITY (mm)	55
TRANSMISSION	GEARS (Hardened and ground)
NUMBER AND RANGE OF SPEEDS (RPM.) 50 Hz.	(16) 94 - 2225 rpm.
FEED	AUTOMATIC
NUMBER AND RANGE OF FEEDS	(3) 0,10-0,18-0,24
CLUTCH	ELECTROMAGNETIC
MAIN MOTOR POWER	1,2/2 HP
MAIN MOTOR SPEED (rpm.)	750/1500 rpm.
SPINDLE CONE	MT4
SPINDLE STROKE	180 mm
DISTANCE SPINDLE-COLUMN	390 mm
DISTANCE SPINDLE-TABLE	Min. 190 / Max. 650 mm
DIMENSIONS OF THE CROSS TABLE	360x1220 mm
MANUAL CROSS TABLE STROKE (STANDARD)	X=700 / Y=360 mm
MOTORIZED CROSS TABLE STROKE (EXTRA OPTIONAL EQUIPMENT)	X=650 / Y=350 mm
TABLE WITH "T" SLOTS	SI
TILTING TABLE	45° TO EACH SIDE
WEIGHT: NET/GROSS Kg.	910 / 1400 KG.
PACKAGING DIMENSIONS AND VOLUME	1680x1680x2520 mm / 7,11 m ³

Dimensions



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SERIE BV

PRISMATIC COLUMN DRILLING MACHINES

- Automatic feed - electromagnetic clutch
- Geared drive
- Cross table
- Fixed base and displaceable headstock



Standard equipment

- Motorized headstock displacement
- Prismatic column
- Guides, Column and table manual greasing pump
- Depth adjustable end
- Frontal wheel for fine sensitive feed
- Coolant equipment
- Tool ejector
- Lighting equipment
- Main switch
- Emergency push button
- Turning sense selector
- Electrical equipment at low voltage
- Command plate installed in articulated arm
- Drill guard with stop micro
- CE norms



Extra Equipment

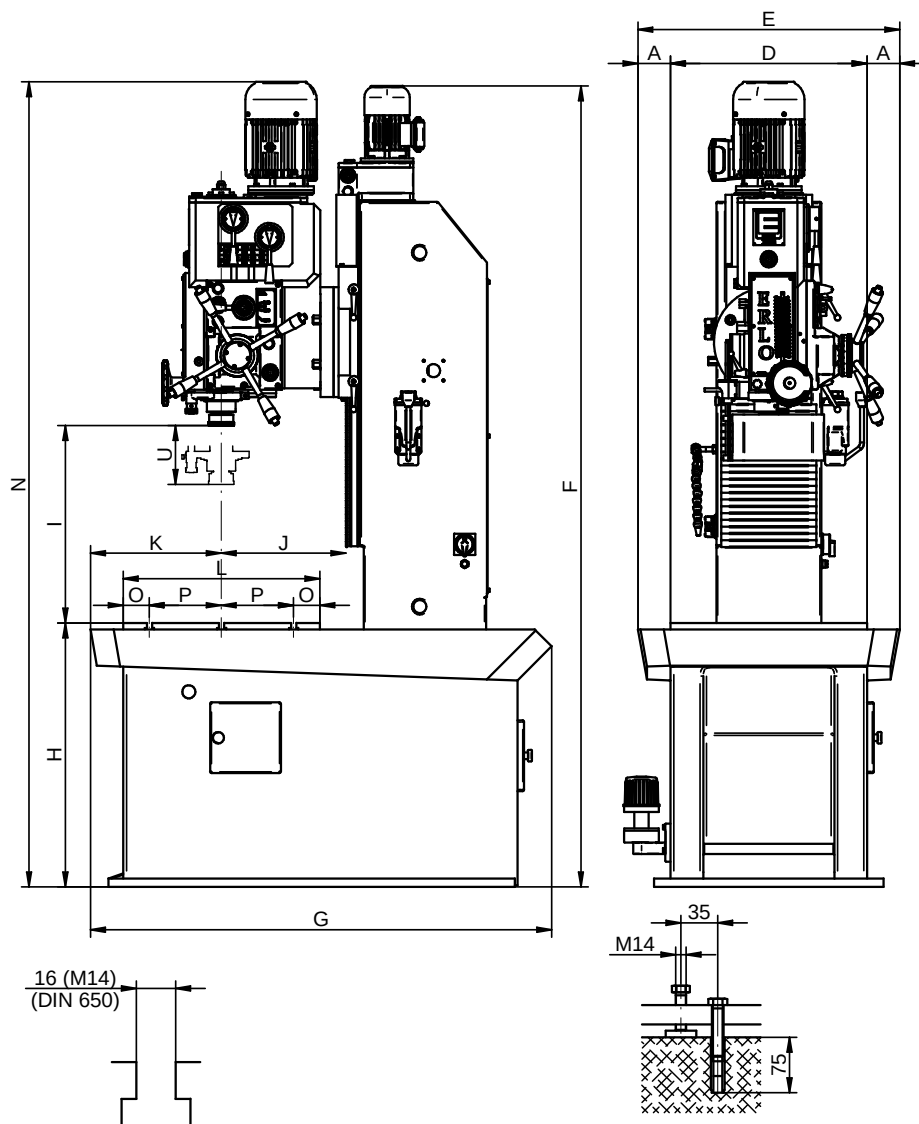
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|--------------|---|
| 40036 | Automatic tapping system by lead screw with bracking for pneumatic rapid approach 100 mm. |
| 40100 | Synchronized pneumatic cycle (1C-Ø80) |
| 40102 | Synchronized pneumatic cycle (2C-Ø80) |
| 40145 | Integral drilling cycle for tubes/profiles and intermittances |
| 50130 | Column supplement |
| 50220 | Column prolongation |

Characteristics

	TCA.50 BV	TCA.70 BV
DRILLING CAPACITY IN STEEL OF 70 Kg. (mm)	50	70
TAPPING CAPACITY IN STEEL OF 70 Kg. (mm)	M45	M70
TRANSMISSION	GEARS (Hardened and grounded)	
NUMBER AND RANGE OF SPEEDS (rpm.) 50 Hz.	(9) 68-1270 rpm.	(12) 35-1238 rpm.
FEED	AUTOMATIC	
NUMBER AND RANGE OF FEEDS	(4) 0,10-0,20-0,30-0,40	(6) 0,05-0,10-0,15-0,20-0,35-0,50
CLUTCH	ELECTROMAGNETIC	
MAIN MOTOR POWER 1500 rpm.	5,5 HP	10 HP
SPINDLE CONE	MT4	MT5
SPINDLE STROKE	240 mm	300 mm
DISTANCE SPINDLE-COLUMN	460 mm	630 mm
DISTANCE SPINDLE-TABLE	Min. 250 / Max. 1000 mm	Min. 537 / Max. 1472 mm
DIMENSIONS OF THE BASE	760x1390 mm	1200x1660 mm
DIMENSIONS OF THE TABLE WITH T SLOTS	600x600 mm	1040x600 mm
WEIGHT: NET/GROSS Kg.	1350 / 1850 Kg.	2120/3000 Kg.
PACKAGING DIMENSIONS AND VOLUME	1700x980x2580 mm / 4,3 m ³	1950x1420x3190 mm/8,83 m ³

Serie TCA/BV

Dimensions



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GANG DRILLING MACHINES



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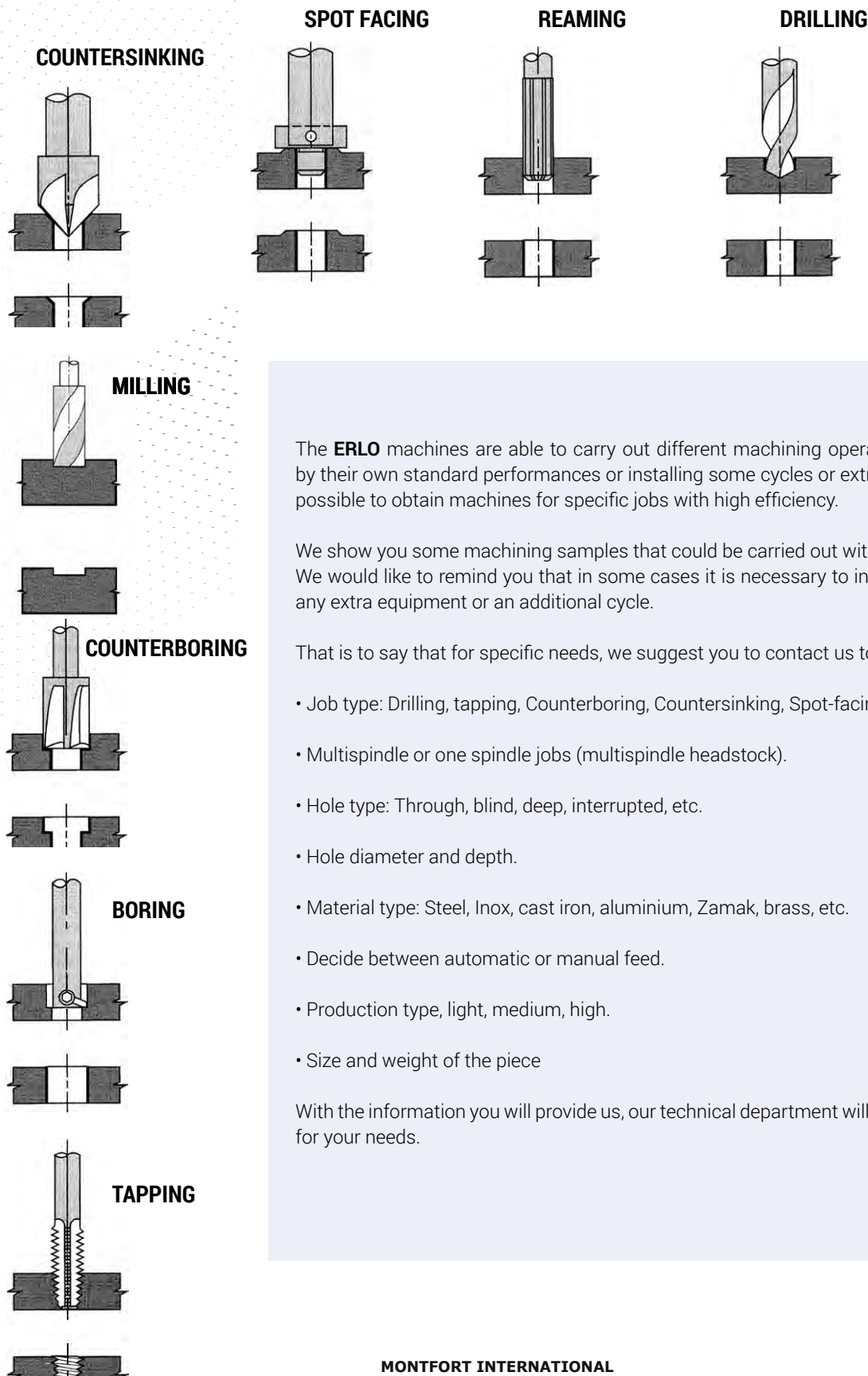


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SELECTION AND FEATURES OF A DRILLING/TAPPING MACHINE



The **ERLO** machines are able to carry out different machining operations. It is obtained by their own standard performances or installing some cycles or extra equipment, so it is possible to obtain machines for specific jobs with high efficiency.

We show you some machining samples that could be carried out with our machines. We would like to remind you that in some cases it is necessary to install on the machine any extra equipment or an additional cycle.

That is to say that for specific needs, we suggest you to contact us to show your needs:

- Job type: Drilling, tapping, Counterboring, Countersinking, Spot-facing, reaming, etc.
- Multispindle or one spindle jobs (multispindle headstock).
- Hole type: Through, blind, deep, interrupted, etc.
- Hole diameter and depth.
- Material type: Steel, Inox, cast iron, aluminium, Zamak, brass, etc.
- Decide between automatic or manual feed.
- Production type, light, medium, high.
- Size and weight of the piece

With the information you will provide us, our technical department will quote you a solution for your needs.

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EXTRA ACCESSORIES



ERLO
Drills / Units / CNC

TOOL FASTENING

DRILL CHUCKS

Quick lock or by key, to adapt clindrical sleeve drills. Different sizes and measures.

These are supplied with shank adaptor for their adjustment on the machine cone.



REDUCTION SLEEVES

To adjust the cone tools with inferior size than the morse taper of the machine.



RAPID CHANGE DEVICES

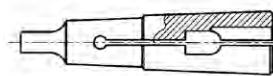
Tool holders and adapters for rapid change of different tools. There is no need to stop the machine spindle turning.

There are adapters for drills with sleeve Morse Taper 1, 2, 3, 4 and 5, drill chucks, tap holders, etc.



CONICAL BUSHING

To adjust the drills with parallel shank or taps to the machine or multispindle headstock cones.



TAP HOLDERS

PNR, Without turning inversion, to fit on machines with automatic inversion of the turning sense.

PR, With automatic inversion of the turning sense. To fit on machines which are not provided with automatic inversion turning. Different models and capacities.



COLLET CHUCKS

Collet chucks and set of collets to install different tools.

It is supplied complete with a collet chuck, set of collets, box, key and adaptation nut.



PIECE ADJUSTING

VICES

L-100 - FIXED BASE. OPENING 116 mm - JAWS WIDTH 105 mm

L-125 - FIXED BASE. OPENING 160 mm - JAWS WIDTH 125 mm

M116 - FIXED BASE. OPENING 116 mm - JAWS WIDTH 105 mm

M157 - FIXED BASE. OPENING 157 mm - JAWS WIDTH 125 mm

M190 - FIXED BASE. OPENING 190 MM - JAWS WIDTH 150 mm

MG116 - ROTATING BASE. OPENING 116 mm - JAWS WIDTH 105 mm

MG157 - ROTATING BASE. OPENING 157 MM - JAWS WIDTH 125 mm

MG190 - ROTATING BASE. OPENING 190 mm - JAWS WIDTH 150 mm

PF150 - FIXED BASE. OPENING 150 mm - JAWS WIDTH 160 mm

PG150 - ROTATING BASE. OPENING 150 mm - JAWS WIDTH 160 mm



SERIE L



SERIE M



SERIE MG

Pneumatic chucks

- Mechanical, pneumatic, hydraulic.
- Measures from 160 up to 400.

Automatic or manual operating. Possibility of synchronised functioning with the machine cycle.

Provided with 2, 3 or 4 jaws and also in special execution for specific jobs and parts.



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EXTRA ACCESSORIES



PARTS DISPLACEMENT

CROSS TABLES

MH.360X1220 - DISPLACEMENT BY SPINDLES X=700 / Y=360 mm

340 XY - SURFACE 340X190. STROKES X=220 / Y=140 mm

430 XY - SURFACE 430X240. STROKES X=280 / Y=180 mm

600 XY - SURFACE 600X240. STROKES X=400 / Y=180 mm

800 XY - SURFACE 800X240. STROKES X=500 / Y=250 mm

1000 XY - SURFACE 1000X315. STROKES X=700 / Y=250 mm

DLC - AUTOMATIC LONGITUDINAL DISPLACEMENT OF THE TABLE, WITH MOTORIZED FEED BOX

DTC - AUTOMATIC TRANSVERSAL DISPLACEMENT OF THE TABLE, WITH MOTORIZED FEED BOX

VD-2 - 2 AXIS DIGITAL VIEWER, X-Y CENTESIMAL READING



430 XY (MS.204)

INDEXING TABLES

- Pneumatic
- Electronic
- Hydraulic, etc.

Different sizes and indexes to adapt us to your needs. Simple fitting on the machine.
Manual, automatic or synchronised movements with the machine cycle.



CONTROL AND READING

EQUIPMENT AND DIGITAL READING

1, 2 or 3 axis viewer, to read out the strokes of the cross tables and the main spindle.

Centesimal reading out.

It is supplied integrated in a command plate over an articulated arm.



DIGITAL RULERS

Digital ruler to read the strokes of the main spindle. It is installed directly over the headstock.



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EXTRA ACCESSORIES

MULTISPINDLE HEADSTOCKS



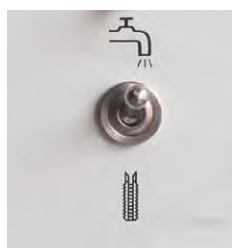
MULTISPINDLE HEADSTOCKS

TYPE	N° OF SPINDLES		Ø DRILLING	AREA	SHAPE	
EXCENTRIC	2 A 4		2 A 25		A,B,C	
UNIVERSAL JOINT	2 A 18		2 A 25		A,B,C,D,E,F	
SPECIAL FIXED SPINDLES	2 A 20		2 A 25		A,B,C,D,E,F	
SHAPE	A	B	C	D	E	F

TAPPING SYSTEMS

TAPPING SYSTEM IR/RS

Semi-automatic tapping system for auxiliary operations and small tapping productions.



TAPPING SYSTEM BY LEAD SCREW

Automatic tapping system for big production operations.
Tapping system by lead screw (one lead screw included).
Tapping system by lead screw with bracking by variator (one lead screw included).

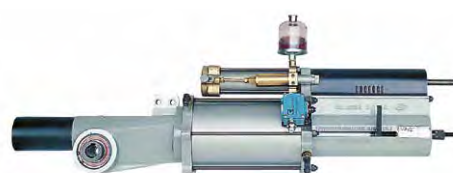
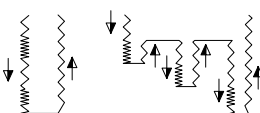


HIDROBLOCK

STANDARD CYCLE



CYCLE UPON REQUEST



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EXTRA ACCESSORIES

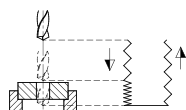


NEUMATIC CYCLES

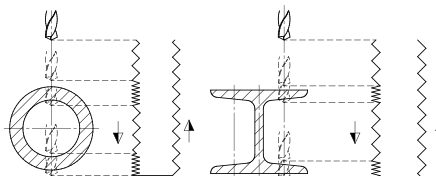
SYNCHRONISED PNEUMATIC CYCLE

Spindle cycle automation synchronising the rapid approach and return movements with the drilling feed.

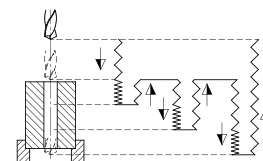
SYNCHRONISED PNEUTAMIC CYCLE



PIPE AND PROFILES CYCLE



PECK DRILLING CYCLE

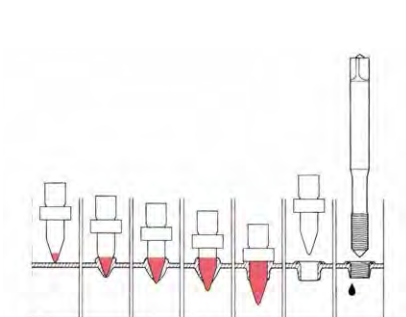


FLOW DRILLING + TAPPING

FLOW DRILLING

STARTING KIT

SAMPLES



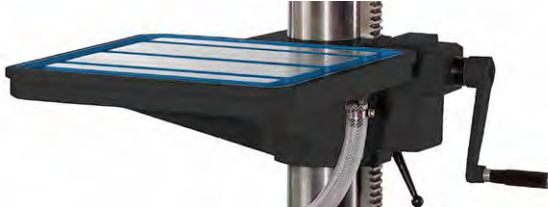
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INTERMEDIATE TABLES FOR BENCH TYPE DRILLING MACHINES

Fixed intermediate table



Rotating intermediate table



REVERSIBLE TABLES WITH VICE FOR COLUMN DRILLING MACHINES



125 Reversible rotating table with vice for models serie TSA-TSAV.32-35

COMMAND OPTIONS



Bi manual command



Cycle start foot switch

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