

SERIES X.35

COLUMN DRILLING MACHINES

- Manual feed (SX.35), automatic feed by mechanical clutch (AX.35) and electromagnetic clutch (BX.35)
- Geared drive



X.35

Standard equipment

- Hardened and ground high quality steel gears
- Speed plate and selecting levers on head front
- Depth scale and adjustable depth stop
- Thermomagnetic switch
- Emergency STOP push button
- Spindle reversing switch
- Coolant equipment
- Worklight
- Fixed table
- Safety drill guard with microswitch
- CE mark

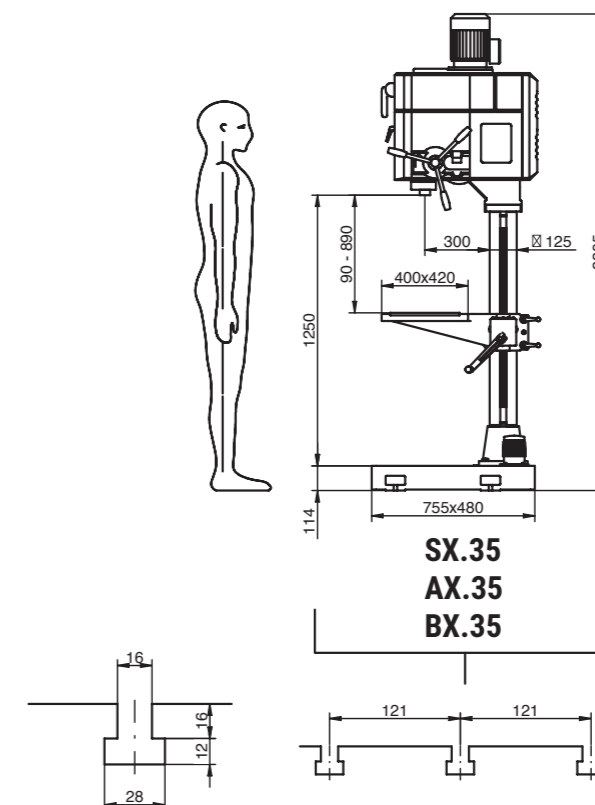
Characteristics

		SX.35	AX.35	BX.35
MAXIMUM DRILLING CAPACITY IN STEEL ST. 50/60	[ø mm]	35	35	35
MAXIMUM DRILLING CAPACITY IN CAST IRON 200 BRINELL	[ø mm]	40	40	40
MAXIMUM TAPPING CAPACITY IN STEEL ST. 50/60	[mm]	M 27	M 27	M 27
MAXIMUM TAPPING CAPACITY IN CAST IRON 200 BRINELL	[mm]	M 33	M 33	M 33
MORSE TAPER MT	[Nr.]	4	4	4
MAXIMUM SPINDLE STROKE (DRILLING DEPTH)	[mm]	150	150	150
MAIN MOTOR POWER	[HP (Kw)]	2 (1,5)	2 (1,5)	2 (1,5)
COOLANT PUMP MOTOR POWER	[HP (Kw)]	0,10 (0,07)	0,10 (0,07)	0,10 (0,07)
TRANSMISSION		Gear box	Gear box	Gear box
NUMBER OF SPEEDS		9	9	9
SPEED RANGE WITH MOTOR AT 1500 RPM 50 HZ 3PH. UPON REQUEST: MOTOR AT 1800 RPM 60 HZ 3PH. (160-2220 RPM)	[rpm]	132-194-277-319-466-666-883-1296-1852		
SPEED RANGE WITH INVERTER MOTOR AT 1500 RPM 50 HZ TRI.	[rpm]	A) 66-211 B) 97-310 C) 138-443 D) 160-510 E) 233-746 F) 333-1066 G) 440-1413 H) 648-2074 I) 926-2963		
FEED		Manual	Automatic	Automatic
NR. OF AUTOMATIC FEEDS		-	3	3
AUTOMATIC FEED RANGE	[mm/rev]	-	0,1-0,2-0,3	0,1-0,2-0,3
WORKTABLE DIMENSIONS (LXW).	[mm]	400x420	400x420	400x420
COLUMN DIAMETER	[mm]	125	125	125
DISTANCE FROM SPINDLE CENTRE TO COLUMN FACE	[mm]	300	300	300
NET WEIGHT	[Kg]	385	400	410
GROSS WEIGHT WITH PACKING	[Kg]	435	450	460
PACKING DIMENSIONS (LENGTH X WIDTH X HEIGHT)	[m]	2,3x0,6x1,1	2,3x0,6x1,1	2,34x0,61x1,16

Extra Equipment

	CODE
VE + TAK - ELECTRONIC SPEED VARIATOR WITH SPEED DIGITAL READER	10024
LBC - DEPTH DIGITAL READER	10022
IR/RS - MANUAL TAPPING SYSTEM	10042
IR/RS-(VE) - MANUAL TAPPING SYSTEM (FOR MODELS WITH VARIATOR)	10043
RHP - AUTOMATIC THREADING SYSTEM BY MASTER SPINDLE (INCLUDES ONE TAPPING PITCH)	20070
MGI - ROTATING AND TILTING TABLE (ONLY FOR 32 MODELS)	30084
MGM - REVERSIBLE ROTATING TABLE WITH VICE	20087
SC- COLUMN SUPPLEMENT 200 MM	10110
ACNL - PNEUMATIC COUNTERBALANCE WITH RAPID APPROACH AND RETRACT (FOR MODELS BX)	40100

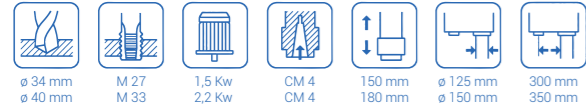
Dimensions



SERIES X.40

COLUMN DRILLING MACHINES

- Manual feed (SX.40), automatic feed by mechanical clutch (AX.40) and electromagnetic clutch (BX.40)
- Geared drive



X.40

Standard equipment

- Hardened and ground high quality steel gears
- Speed plate and selecting levers on head front.
- Depth scale and adjustable depth stop
- Automatic tool ejector
- Emergency STOP push button
- Spindle reversing switch
- Electric equipment integrated on machine's head
- Machined base with coolant tank
- Worklight
- MGI: Rotating and tilting table for model 40
- Safety drill guard with microswitch
- CE mark

Characteristics

		SX.40	AX.40	BX.40
MAXIMUM DRILLING CAPACITY IN STEEL ST. 50/60	[ø mm]	40	40	40
MAXIMUM DRILLING CAPACITY IN CAST IRON 200 BRINELL	[ø mm]	45	45	45
MAXIMUM TAPPING CAPACITY IN STEEL ST. 50/60	[mm]	M 33	M 33	M 33
MAXIMUM TAPPING CAPACITY IN CAST IRON 200 BRINELL	[mm]	M 39	M 39	M 39
MORSE TAPER MT	[Nr.]	4	4	4
MAXIMUM SPINDLE STROKE (DRILLING DEPTH)	[mm]	175	175	175
MAIN MOTOR POWER	[HP (Kw)]	3 (2,2)	3 (2,2)	3 (2,2)
COOLANT PUMP MOTOR POWER	[HP (Kw)]	0,10 (0,07)	0,10 (0,07)	0,10 (0,07)
TRANSMISSION		Gear box	Gear box	Gear box
NUMBER OF SPEEDS		9	9	9
SPEED RANGE WITH MOTOR AT 1500 RPM 50 HZ 3PH. UPON REQUEST: MOTOR AT 1800 RPM 60 HZ 3PH. (160-2220 RPM)	[rpm]	132-194-277-319-466-666-883-1296-1852		
SPEED RANGE WITH INVERTER MOTOR AT 1500 RPM 50 HZ TRI.	[rpm]	A) 66-211 B) 97-310 C) 138-443 D) 160-510 E) 233-746 F) 333-1066 G) 440-1413 H) 648-2074 I) 926-2963		
FEED		Manual	Automatic	Automatic
NR. OF AUTOMATIC FEEDS		-	3	3
AUTOMATIC FEED RANGE	[mm/rev]	-	0,1-0,2-0,3	0,1-0,2-0,3
WORKTABLE DIMENSIONS (LXW).	[mm]	480x480	480x480	480x480
COLUMN DIAMETER	[mm]	150	150	150
DISTANCE FROM SPINDLE CENTRE TO COLUMN FACE	[mm]	350	350	350
NET WEIGHT	[Kg]	475	490	500
GROSS WEIGHT WITH PACKING	[Kg]	525	540	550
PACKING DIMENSIONS (LENGTH X WIDTH X HEIGHT)	[m]	2,3x0,6x1,1	2,3x0,6x1,1	2,3x0,6x1,1

Extra Equipment

	CODE
VE + TAK - ELECTRONIC SPEED VARIATOR WITH SPEED DIGITAL READER	10024
LBC - DEPTH DIGITAL READER	10022
IR/RS - MANUAL TAPPING SYSTEM	10042
IR/RS-(VE) - MANUAL TAPPING SYSTEM (FOR MODELS WITH VARIATOR)	10043
RHP - AUTOMATIC THREADING SYSTEM BY MASTER SPINDLE (INCLUDES ONE TAPPING PITCH)	20070
SC- COLUMN SUPPLEMENT 200 MM	10110
ACNL - PNEUMATIC COUNTERBALANCE WITH RAPID APPROACH AND RETRACT (FOR MODELS BX)	40100
CI - INTEGRAL TUBES DRILLING CYCLE/PROFILES AND INTERMITTANCES (FOR MODELS BX)	30145

Dimensions

