

# 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

## 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 ground)			
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 m <sup>3</sup>

## Dimensions

