

# 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



TSA.40

## Extra Equipment

	CODE
VE - EXTRA PRICE FOR SPEEDS ELECTRONIC VARIATOR	10021
TAK - SPEEDS DIGITAL READER (FOR MODELS WITH VARIATOR)	10023
LBC - DEPTH DIGITAL READER	10022
IR/RS - MANUAL TAPPING SYSTEM IR/RS	10042
IR/RS (VE) - MANUAL TAPPING SYSTEM IR/RS (FOR MODELS WITH VARIATOR)	10043
RPF - AUTOMATIC TAPPING SYSTEM BY LEAD SCREW (INCLUDES ONE TAPPING PITCH)	30070
SC - COLUMN SUPPLEMENT 200 MM.	30110
ACNL - RAPID APPROACH AND RETURN WITH PNEUMATIC COUNTERWEIGHT (FOR TSE SERIE)	30140
CI - INTEGRAL TUBES DRILLING CYCLE/PROFILES AND INTERMITTANCES (FOR TSE SERIE)	30145

# 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 grounded)			
SPEED NUMBER AND RANGE (WITHOUT VARIATOR)	(8) 93 - 152 - 204 - 298 - 443 - 695 - 970 - 1.420 rpm.			
SPEED NUMBER AND RANGE (WITH VARIATOR)	VARIABLE 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	CM.4			
SPINDLE STROKE	180 mm			
DISTANCE SPINDLE-COLUMN	350 mm			
DISTANCE SPINDLE-TABLE	Min. 95 / Max. 865			
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	2,38x0,62x1,05 / 1,55 m <sup>3</sup>			

# Dimensions

