



COLUMN DRILLING MACHINES SERIE TSAR-40-45

- Automatic feed – mechanical clutch
- Geared drive
- Fixed headstock and displaceable table

STANDARD EQUIPMENT

- Lighting equipment
- Frontal wheel for fine sensitive feed
- Main spindle/shank unit, and high quality steel gears, fully treated and grounded.
- Automatic tool ejector
- MT main spindle, with threaded nose and protection nut
- Adjustable depth stop, with scale in metric or inches
- Working table with 2 "T" slots, rotating around the column with vertical displacement by manual command
- Plate/base with "T" slots
- Speed connection and selection general switch/commuter
- Selector for turning direction
- Emergency push-button
- Electrical equipment at low voltage
- Drill guard with stop micro (CE countries)
- Rotating and tilting table

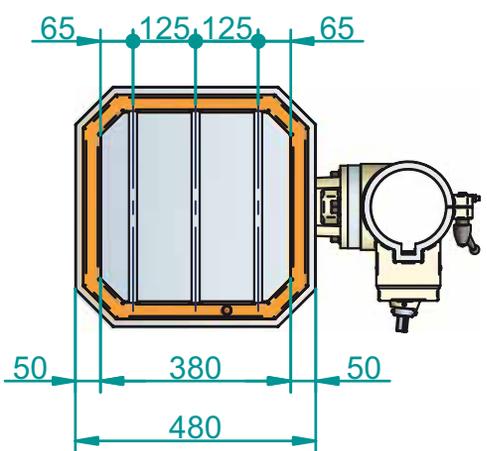
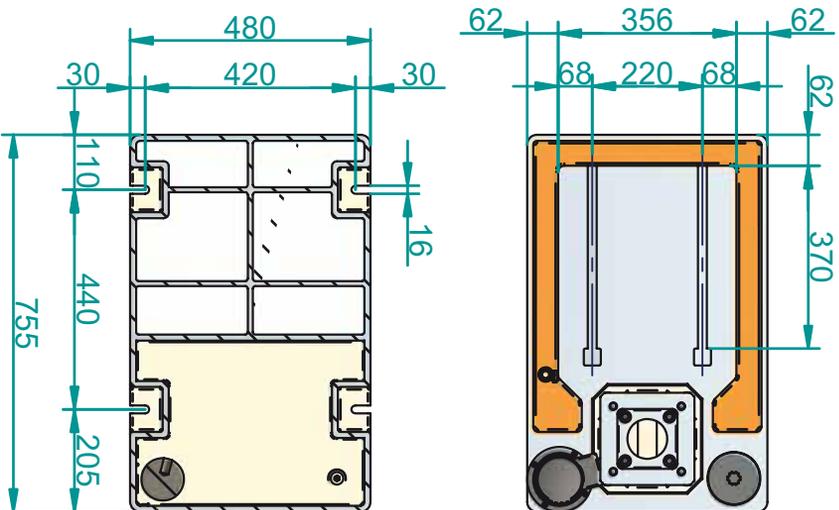
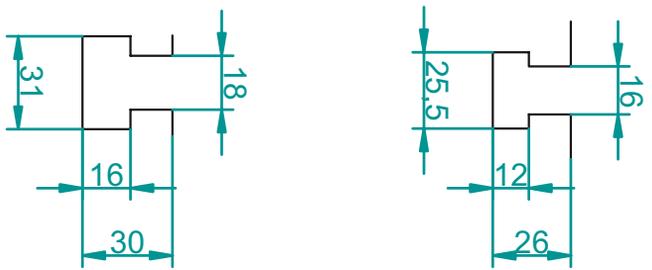
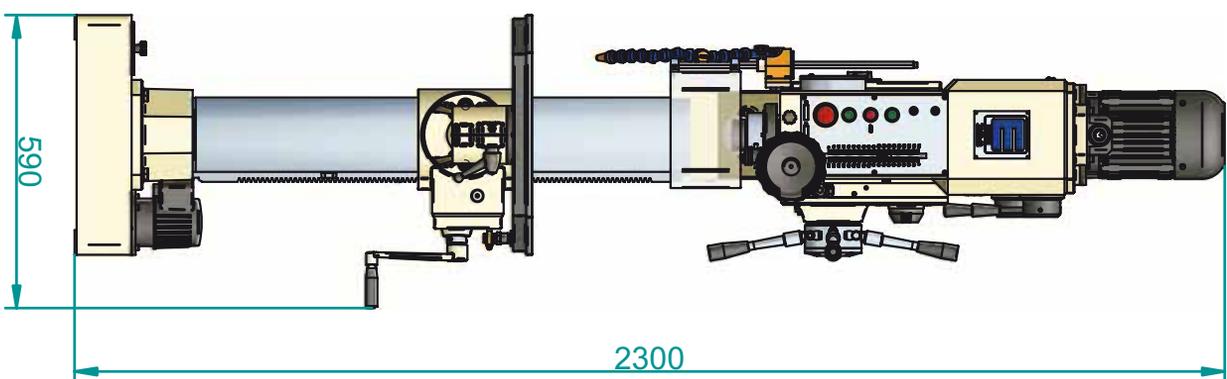
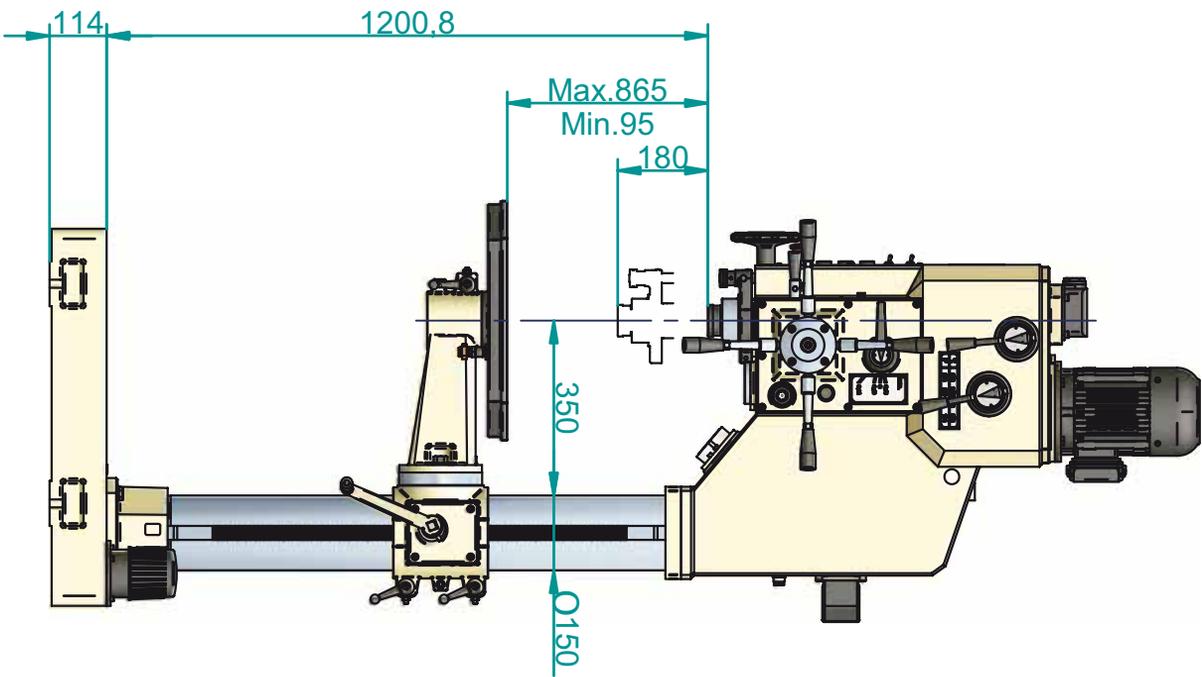
EXTRA EQUIPMENT

- Turning for tapping
- Tapping system by cycle timer
- Tapping system by lead screw with braking device
- Rotating table
- Drill guard for multispindle headstock
- Multispindle headstocks
- Cross tables
- Indexing tables, mechanical, pneumatic, electric, CNC
- Vices
- 2, 3 or 4 jaws chucks
- Drill chucks
- Reduction sleeves
- Flowdrilling
- Tap holders
- Collet holders, set of collets, key, nut and box



CHARACTERISTICS

MODELS	TSAR.40	TSAR.45
CODE	T2040	T2045
DRILLING CAPACITY IN STEEL OF 70 KGRS	40 mm	45 mm
TAPPING CAPACITY IN STEEL OF 70 KGRS	M.32	M.35
TRANSMISSION	GEARS (Hardened and grounded)	
NUMBER AND RANGE OF SPEED (rpm.) 50 Hz.	(8) 93-1420	
NUMBER AND RANGE OF SPEED (rpm.) 60 Hz.	(8) 112 -1704	
FEED	AUTOMATIC	
FEED NUMBER AND RANGE	(3) 0,10 – 0,18 – 0,24	
CLUTCH	MECHANICAL (AUTOMATIC)	
MAIN MOTOR POWER	2 HP	3 HP
MAIN MOTOR SPEEDS	1.500 rpm	
SPINDLE MORSE TAPER	MT.4	
SPINDLE STROKE mm	180 mm.	
DISTANCE SPINDLE-COLUMN mm	350 mm.	
DISTANCE SPINDLE-TABLE mm	Min. 95/Max. 865 mm	
DISTANCE SPINDLE-BASE mm	1220 mm	
COLUMN DIAMETER mm	Ø 150 mm	
TABLE DIMENSIONS mm	400x480 mm	
BASE DIMENSIONS mm	480x480 mm	
TABLE WITH "T" SLOTS	YES	
ADJUSTABLE DEPTH STOP	YES	
COOLANT EQUIPMENT	YES	
TOOL EJECTOR	YES	
LIGHTING EQUIPMENT	YES	
MAIN SWITCH	YES	
EMERGENCY PUSH BUTTON	YES	
SELECTION FOR TURNING DIRECTION	YES	
ELECTRICAL EQUIPMENT AT LOW VOLTAGE	YES	
DRILL GUARD WITH STOP MICRO	YES	
CE NORMS	YES	
WEIGHT: NET / GROSS	435/565	
PACKAGING DIMENSIONS AND VOLUME	1050x680x2500 mm / 1,79 m ³	



TALADROS DE COLUMNA
SERIE TSA-40-45