

TALADROS DE COLUMNA
COLUMN DRILLING MACHINES

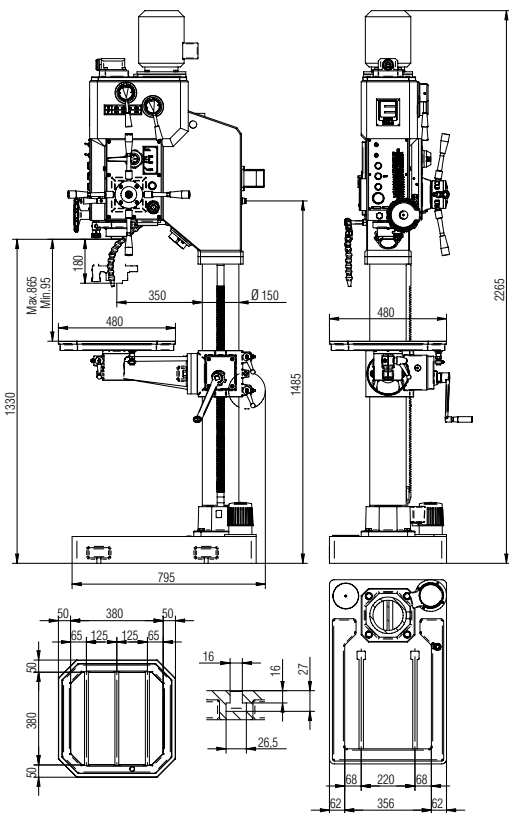
SERIE "TSA-TSE"

Models
40 mm



ERLO





In this catalogue, we present the column drilling machines
TSA/TSE (40 mm) series, with different working feed systems:

- TSA – Automatic feed (mechanical clutch).
- TSE – Automatic feed (electromagnetic clutch).

STANDARD EQUIPMENT

- 3 Automatic feeds.
- Geared drive with top quality steel gears and arbors, treated and grounded.
- Top quality steel main spindle/toothing quill, fully treated and grounded (exterior, interior, grooves and teeth).
- Automatic tool ejector.
- MT.4 main spindle, with threaded nose and protection nut.
- Measuring front rule, with adjustable depth limit and reading index.
- Automatic greasing system of the gear boxes.
- Turning and tilting table.
- Table and Base plate with "T" slots. Treated surface.
- Magnetothermic switch (motor guard).
- Emergency push-button.
- Spindle safety micro.
- Frontal wheel for fine sensitive feed.
- Coolant system set in the base.



TECHNISCHE DATEN	CARACTERISTIQUES	CHARACTERISTICS	CARACTERISTICAS	TSAR.40	TSER.40
Maximale Bohrleistung	Capacité maximum de perçage	Maximum drilling capacity	Capacidad máxima de taladrado	40 mm / 1 4/7"	
Maximale Gewindeschneidleistung	Capacité maximum de filetage	Maximum tapping capacity	Capacidad máxima de roscado	M.35 / 1 3/8"	
Morse Konus No.	Cone Morse No.	Morse taper No.	Cono Morse No.	4	
Maximale Bohrtiefe	Profondeur maximum de perçage	Maximun drilling depth	Profundidad máxima de taladrado	180 mm / 7"	
Maximale Gewinneschneidtiefe	Profondeur maximum de filetage	Maximun tapping depth	Profundidad máxima de roscado	180 mm / 7"	
Anzahl der vorschübe und vorschübbereich	Nombre et gamme d'avances de perçage	Drilling feed number and range	Nº y gama de avances de taladrado	(3) 0,10 - 0,18 - 0,24	
Antriebsleistung des Motors	Moteur principal	Main motor	Motor principal	2 HP	
Auf dem Arbeitstisch gestattetes Gewicht	Poids admis sur la table de travail	Weight admitted by worktable	Peso admitido en la mesa de trabajo	200 Kg	
Standard Geschwindigkeit 50 Hz - 1500 rpm.	Standard vitesses 50 Hz.-1500 rpm.	Standard speeds 50 Hz.-1500 rpm.	Velocidades Standard 50 Hz - 1500 rpm	93-134-204-298-443-635-970-1420	
Standard Geschwindigkeit 60 Hz - 1500 rpm.	Standard vitesses 60 Hz.-1500 rpm.	Standard speeds 60 Hz.-1500 rpm.	Velocidades Standard 60 Hz - 1500 rpm	112-161-245-358-532-762-1164-1704	
Kühlung durch Motorpumpe von	Refrigeration par motopompe à	Motor pump cooling of	Refrigeración con motobomba de	0,1 HP	
Ungefähres Gewicht dermaschine	Poids approximatif de la machine	Aproximate machine weight	Peso aproximado de la máquina	435 Kg	
Bruttoicht mit Verpackung	Poids brut avec emballage	Gros weght with packaging	Peso bruto con embalaje	565 Kg	
Volumen der Verpackung	Volumen de l'emballage	Packaging volume	Volumen del embalaje	1.050 x 680 x 2.450 mm / 1,75 m³	