



## TURNING MACHINE FOR BRAKE LININGS

ON REDUCTION AXLES - EUROPE AXLES AND CONVENTIONAL

CAORLE SPA Company is glad to introduce the new Mod. TE 500 TURNING MACHINE FOR BRAKE LININGS ON REDUCTION HUB AXLES ( EUROPE and CONVENTIONAL )



### NEW LAUNCHING REASONS AND CHRONOLOGY

- ❑ After 19 years of honourable career , even though maintaining current days its respected technical potentialities , thanks to the continuous technical updating and further to 3 different styling - becoming and remaining also today a reference point for all , the Model TE48 is replaced by the new TE500
- ❑ Notwithstanding all the above mentioned remarkable features , the since ever CAORLE Company's machines maximum competitiveness parameters, were not completely satisfied. That's why we performed the new TE500 , born from a totally new design , not from a simple different "styling " , putting our TE48 20 year experience to good use and re-establishing the distances as well



# TE 500



## TECHNICAL FEATURES

- TE500 keeps alive 3 basic TE48 characteristics ; using the same connection to the hub the same centering equipments as small blocks and rings ( photo 1 and 2 ) - the same adjustable tool holder head ( photo 3 ) and the same inside to outside safety intermittent feeding .

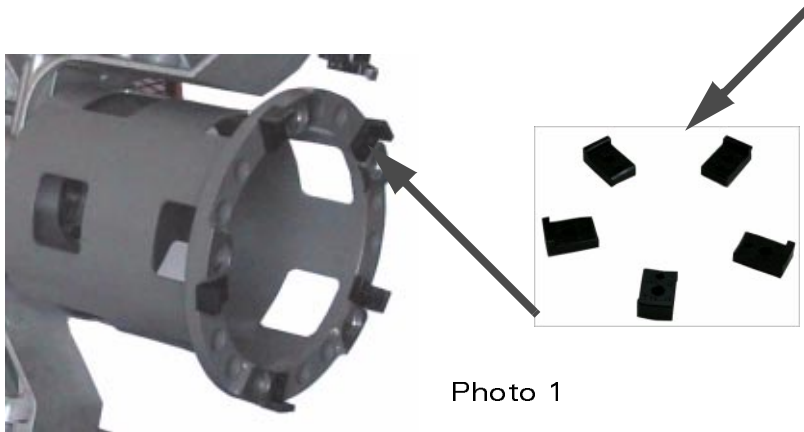


Photo 1



Photo 2



Photo 3



- All the remaining is new , beginning from the rotating body, performed in one only "strongly nerved" aluminium alloy casting , made to ensure extreme stiffness and at the same time contain at minimum the rotating masses (1).
- The rotating body turns upon a real hardened and ground steel drive shaft , supported by 2 great sized bearings - lubricated by permanent life grease ( periodical maintenance operations free ). (INSIDE 2 )
- This solution, that represents the real news, set the final user free from such maintenance duties ( cleaning - greasing - of the rotating parts ) which all the others machines must undergo , and that , if neglected , provoke damages giving rise to onerous interventions .
- The last part totally reviewed is the centering bell , entirely steel performed in order to grant the max stiffness to the whole assembly and reduce at minimum the wear of the parts in contact with the various hubs. (3)



The performances :

- The time tables are considerably improved ( about 2 % ) - thanks to the greater stiffness, the feeding value is increased ( from . to .6 mm per revolution ) whereas the rotation speed is unchanged ( 1 rev. per minute - already excellent with the model TE )
- Thanks to these features it takes about 3 minutes to regenerate mm diameter shoes and 1 mm depth HUBS .



# TE 500



Finally the cost :

- Thanks to an accurate designing stage , aiming to produce the various parts by modern working centers and to continually checking out the productive standards , we succeed to contain the production costs so that to issue on the market with a superior machine at the same price of the TE48.

## TECHNICAL FEATURES ACCORDING TO THE PRESENTATION SHEET

ROTATION SPEED	revl/MIN	100
FEEDING	m m/rev	0.6
BRAKE SHOES MIN. TURNING DIAMETER	m m	280
BRAKE SHOES MAX. TURNING DIAMETER	m m	500
BRAKE SHOE MAX. DEPTH	m m	280
MOTOR	kW	0.55
DIMENSIONS	m m	840 x 1020 x1200
NET WEIGHT WITH STANDARD EQUIPMENT	kg	170