

# Through-Feed & In-Feed Heavy Duty Hydraulic Thread-Rolling Machine

MOD.: TRM-100



The FULPOW's heaviest thread/profile forming machine at the moment which equipped with swivelable roller shafts. This ensures optimum capacity and use in making threads and axially parallel profiles in the through-feed process. However, short cylindrical parts (especially thread pins) can also be rolled in the through-feed process. For this special through-feed process automatic feed of the work is necessary. This machine can also be used in the in-feed process with parallel die axes, the length of the profile to be rolled depends on the width of the rolling dies, there is no axial movement of the workpiece. Design characteristics:

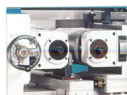
Swivelable roller shafts at full utilization of the rolling force. Short working cycles by increasing the forward-return speed. Increase driving power, optional use in slow motion/normal and rapid advance by hydraulic multi-circuit system. Increase in the efficiency and improvement of the utilization of power by gears on parallel axes and drive by universal shaft. Free passage between the roller shafts for the manufacture of and length of profiles.



Working area lighting



Control panel (with stepless variable speed for rolling die spindles)



Quick matching device of thread pitch

SPECIFICATIONS	ITEM	TRM-100
RANGE OF THROAD	MAX. DIAMETER	Φ100mm
	MIN. DIAMETER	Φ 10mm
	PITCH	0.6 - 10mm
	RANGE OF LENGTH (IN-FEED)	5 - 200mm
	RANGE OF LENGTH (THRU-FEED)	FREE
SPEED RANGE		5 - 100 R.P.M.
ROLLING DIES	MAX. DIAMETER	Φ235mm
	BORE DIAMETER	Φ 85mm
	WIDTH RANGE	50 - 200mm
	KEY WAY	18mm
DIES SPINDLE	MAX. DIAMETER	360mm
	MIN. DIAMETER	210mm
MAX. ROLLING PRESSURE		50 Tons
MAIN POWER		25 HP (18.75KW)
HYDRAULIC POWER		5 HP (3.75KW)
COLLANT POWER		1/4 HP (0.18KW)
HEIGHT FROM FLOOR TO SPINDLE CENTER		1015mm
FLOOR SPACE REQUIRED		2260L x 2300W
OVER HEIGHT		1710mm
WEIGHT	NET WEIGHT	8000 KGS
	GROSS WEIGHT	8500 KGS



**FULLPOWER®**

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