

Thread Profiles



2 DIE THREAD ROLLING MACHINES WITH COLUMN CONSTRUCTION

HK



HK-120



HK-3



HK-18



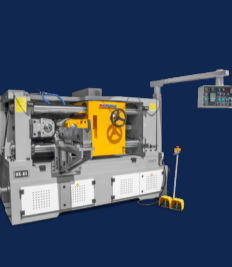
HK-25



HK-40



HK-60



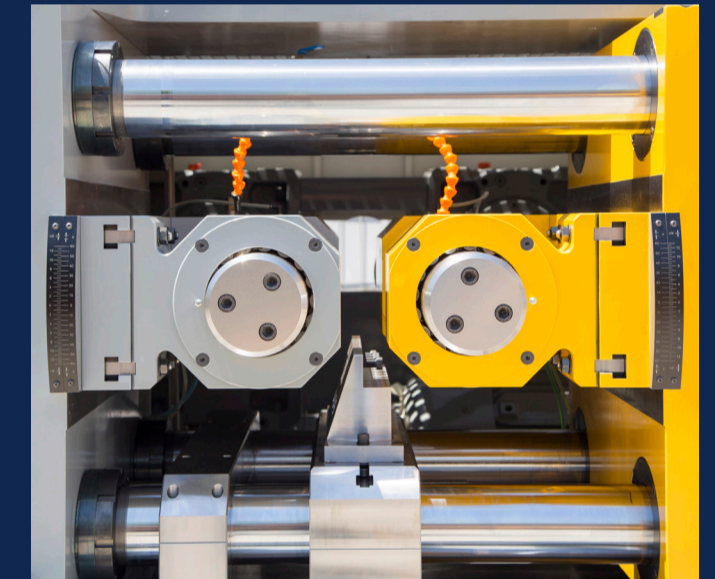
HK-85

HK Series Thread Rolling machines are capable to roll in-feed, thru-feed and speed control thru-feed operations, fast and precisely. METRIC, BSW, BSF, UNC, UNF, ACME, ACME, ROUND thread profiles can be formed by HK Series.

Grooving, spline rolling and burnishing operations can be achieved with HK Series.

HK Series thread Rolling machines, moveable die body can move on 3 (up to 18 tons) or 4 strong columns

Machine's rigidity is maximized with column construction.



HK Series Thread Rolling machines have strong columns to provide precision in movement of moveable die body.

Advantages of Thread Rolling Process

- ▲ Durable Product
- ▲ High Quality Product
- ▲ High Speed Forming
- ▲ Material Saving
- ▲ Energy Saving

GOVAMA is registered brand of GÖKÇÜOĞLU A.Ş.

GÖKÇÜOĞLU A.Ş. continues its business with reliance, quality and customer satisfaction since 1975 till today with registered GOVAMA brand.

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SERIES MACHINES



TECHNICAL FEATURES

HK-3

HK-18

HK-25

HK-40

HK-60

HK-85

HK-120

Rolling Force	(Kn)	10 - 30	10 - 180	10 - 250	10 - 400	10 - 600	10 - 850	10 - 1200
Speed Range	(Rpm)	38 - 124	18 - 62	18 - 60	17-53	13 - 42	13 - 42	18-60
Min. – Max. Die Dia.	(mm)	Ø80 - Ø110	Ø140 - Ø190	Ø145 - Ø190	Ø160 - Ø210	Ø160 - Ø280	Ø200 - Ø280	Ø240 - Ø340
Die Spindle Dia.	(mm)	Ø40	Ø54 (Ø40 optional)	Ø69.85 (Ø80 optional)	Ø69.85 (Ø80 optional)	Ø80 (Ø100 optional)	Ø100	Ø120
Max. Die Length	(mm)	60	125	170	230	230	230	290
Workpiece Dia.	(mm)	Ø3 – Ø30	Ø3 – Ø30	Ø3 – Ø48	Ø4 – Ø120	Ø4 – Ø250	Ø4 – Ø250	Ø10 – Ø250
Max Pitch	(mm)	1,5	3	4	7	8	10	14
Swivel Angle		±8°	±8°	±8°	±12°	±12°	±12°	±13°
Main Motor (Kw)	(Kw)	4	7,5	11	18,5 (22 optional)	37	55	75
Total Power (Kw)	(Kw)	5,8	10,1	13,7	22,7	47	66	87
Weight (Kg)(~)	(kg)(~)	870	1920	2400	4800	9200	10100	21000

Options

- *Easy pitch adjustment from front side
- *Workrest blade
- *Foot pedal
- *Specially designed manual feeding fixtures
- *Automatic feeding and discharging applications
- *Part counter
- *Open steady-rest design
- *Support for thread length adjustment
- *Upper support
- *Magnetic filter for coolant oil filtration

*Technical values may be variable upon material type and hardness.

*Depends on customer request or technical requirements of project; our machines can be equipped with Universal, PLC, MC(Motion Controls) and EM (Electromechanical) Technologies. Please contact with us for details.

*It is possible to produce machines, which are not specified in above given technical values table. Please contact with us.

To learn more about GOVAMA,
please scan QR code.

