

# KUNARK HITECH MACHINING & SALES PVT.LTD.



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Machine Id	:- 984	Serial No	:-
Category	:- Thread / Worm Grinders	Model	:- 37 type 4
Country	:-	Make	:- Matrix
Type of Machine	:- Thread Grinder Machine	Year	:- 0
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:-

Specification :-

## No. 37 & 47 Universal Thread Grinding Machines

Three models are available, each having design characteristics suitable for specific applications.

Type 1. Plain thread grinding machine : Equally suitable for production work, toolroom work or external gauges manufacture to most international screw thread standard.

Type 2. Semi -Automatic plunge cut machines: primarily used for accurate high-speed production of short lengths of external threads using the plunge grinding technique.

Type 3. Taper thread grinding machines: Developed from the type 1 machines for grinding precision taper screw gauges up to 1 in 4 on diameter to API and other international standards either external or internal.

### Specification:

#### No.37 Machine

#### No. 47 Machine

Maximum diameter admitted

355mm 14in

Maximum length between centres

500mm 20in

1066mm 42in

Maximum length ground at one setting

457mm 18in

1016mm 40in

Maximum helix angle

45° right or left hand

Pitch range	0,4 to 300mm 60tpi to 12in lead
Workhead and tailstock centres	no. 4 morse
Workhead speeds (forward)	0.21 to 31 rpm
Workhead speeds (reverse)	6,35:25 or 100 rpm
Wheelhead motor for grinding and dressing	4,5/2.25kw 6/3 hp
Wheelhead motor for crushing	0.25 kw 1/3 hp

Special large swign machne available 406mm (16in)