ELITE PLUS

State-of-the-art lathe

HIGH QUALITY AND PERFORMANCE

- Engineered in Denmark -



Introducing the "**ELITE PLUS**" Lathe from **HM Machinery**
- setting a new standard of excellence in workshop lathes.

This lathe is designed for training centers, schools and educational use with a focus on durability and precision .

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ELITE PLUS
LT 360-1000V PLUS Lathe

GENERAL FEATURES

- VARIABLE SPEED BY INVERTER
- SELF-CENTERING 3-JAW CHUCK
- STATIONARY STEADY
- 4-WAY HOLDER FOR TURNING CHISELS
- TRAVELLING STEADY
- WORKLIGHT
- PROTECTIVE COVERS
- COOLING

Crafted with **precision and durability** in mind, the "ELITE" Lathe utilizes MEEHANITE, a specialized cast iron alloy renowned for its superior rigidity compared to conventional materials. This alloy ensures wear **resistance, sustained accuracy, and exceptional stability**.
The machine's beds are meticulously inductively hardened and ground for **added durability**.



OPTIONAL FEATURES:

- Independent 4-jaw chuck or other chucks
- Digital display
- Live centre
- Turning tools
- Drill head

Experience extended longevity with the "ELITE PLUS" Lathe's cross spindle, immersed in an oil bath for optimal lubrication. Its bronze nuts, constructed from phosphor bronze, boast exceptional durability for **prolonged performance**.

Equipped with **SKF bearings** thrice over, the "ELITE PLUS" Lathe achieves unparalleled precision, extended lifespan, remarkable stability, and impressive load capacity. In essence, precision work is **not just a feature but a permanent standard** with the "ELITE PLUS" Lathe.

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TECHNICAL SPECIFICATIONS

Swing over bed	410 mm
Distance between centres	1000 mm
Hole through spindle	52 mm
Engine power	3,5 kW
Swing over cross slide	240 mm
Center height	205 mm
Swing over gap	565 mm
Width of bed	206 mm
Number of revs	2
Speed range	30-2200 rpm
Spindle nose	D1-6 (DIN 55029, Camlock)
Taper of main spindle	MT 5
Movement tail stock taper	120 mm
Tail stock taper	MT 3
Diameter tail stock taper	45 mm
Cross travel support	200 mm
Top slide travel	100 mm
Threading metric	0.2 - 7,0 mm
Threading inch	4 - 72 TPI
Diameter pitch	8 - 44 DP
Module pitch	0.3 - 3.5 MOD
Longitudinal feed	0.035 - 0.5 mm/rev.
Cross feed range	0.017 - 0.250 mm/rev.
Voltage	400 V
Weight	880 kg
Machine dimensions	1530 x 810 x 1290 mm
Packaging dimensions	1930 x 760 x 1550 mm

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