



Specification

- Weight : 325 Kg (May vary based on model)
- Dimension : 800 X 800 X 780 mm (Customized construction possible)
- Supply : 415 V AC, 50 Hz, 3 Phase (Please contact Lexus for details)
- Maximum Power : Torque 5 Nm 1.5 Kw (2 HP)
- No Load Current : 0.4 to 0.6 Amp (415 V)
- Starting Current : 10 Amp (415 V) – for 10 Seconds – on full load
- Normal On Load Current : 0.7 to 1.0 Amp (415 V)
- Total Power Consumption in unit : 0.35 Kw/Hr
- Spigot Size (Scaife Bore) : 50 mm – Expanding Nose

Salient Features

- Use of super precision P2/P4 quality matched pair angular contact bearings guarantee dynamic axial run out within 0.001 mm.
- Large 60 mm bore duplex matched pair, mounted in tandem at the nose – end ensure unmatched Life performance for years to come.
- Duplex matched pair mounted in tandem at the tail – end supports the spindle under 500 N preload force. This ensures very high stiffness to take care of small unbalance force coming from the unbalanced Scaife.
- Integral scaife drive allows use of open top mills, enhancing appearance of the factory and allowing easier operation. The complete drive assembly is dynamically balanced on high precision balancing machine developed specifically for this captive purpose. The super precision bearings are greased for life, and require no attention during their many years of service.
- Direct drive spindle eliminates source of vibration and trouble (belt).

Application

- Expanding nose always ensures concentric mounting of balanced Scaife eliminating requirement of balancing the Scaife on the mill after mounting.
- To polish the diamond on diamond polishing scaife rotating at around 2880 Rpm, while holding the diamond in hand held tools and fixtures.
- Ultimate rotational accuracy, due to quality manufacturing set up.
- Single piece stabilized spindle, resulting in maximum stability. (Scaife will be actually fixed on the Spindle, and not on a screwed – on flange).
- Ergonomically designed unit ensures fatigue free working.
- Available in 2 station and 4 station version. (Any client specific design can be made available)
- Complete with Dust collection ducting system
- Cast iron top and filled frame ensures good damping.
- Machined top with anti-roll edge to avoid rolling down of pots placed on the table.

