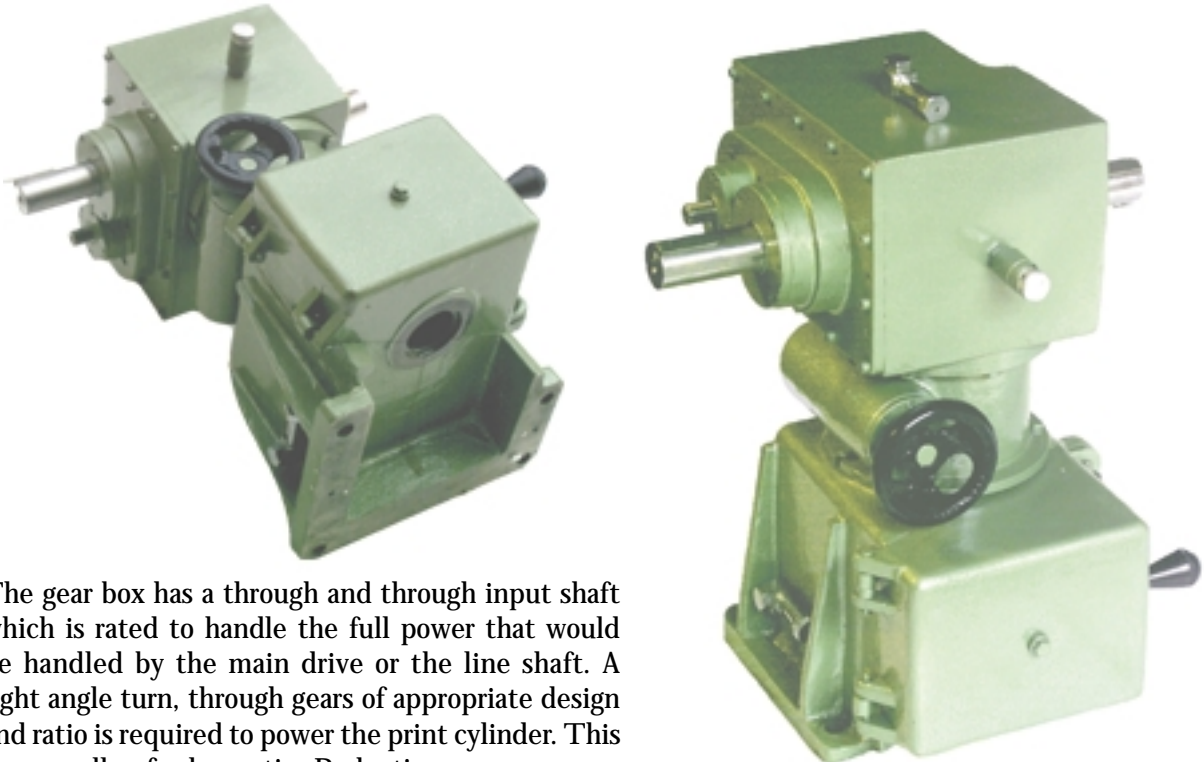


## GEAR BOXES FOR PRINTING PRESSES

Magtorq range of gear boxes are designed specifically for printing presses and manufactured based on specific design inputs provided by the press OEMs.



The gear box has a through and through input shaft which is rated to handle the full power that would be handled by the main drive or the line shaft. A right angle turn, through gears of appropriate design and ratio is required to power the print cylinder. This is generally of a low ratio. Reduction gears are provided to power the doctor blades. The shaft for the doctor blades can be provided in an orientation to suit the machine needs.

Optionally, through a differential (planetary) mechanism, the position of individual print cylinder can be advanced or retarded relative to the line shaft. This can be achieved by rotating a hand wheel or powered by a motorised arrangement.

Gear boxes with customer specific backlash values, ratios and shaft orientation can be designed, manufactured and supplied.