

## ADVANTAGES UNIQUE TO THE MARLDON SYSTEM:

The patented Marldon system has two unique features which overcome the inherent weaknesses in alternative suppliers' designs.

★ **A solid one-piece housing with fixed, load carrying bushings fitted onto the shaft.**

★ **A driving system independent of the housing.**

The combination of these features acts to separate the two functions of a traverse unit, the functions of load bearing and driving. Consequently the performance of the Marldon traverse is not affected by external masses carried upon it as any loads are transmitted through the housing onto the load carrying bushes and hence onto the shaft, putting no stress on the internal rolling bearing mechanism. Consistent even performance is assured.

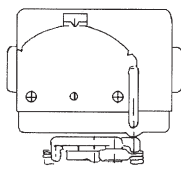
*(Competitors' designs must use the internal bearing mechanism to carry the unit and externally imposed loads - leading to increased wear and variable, load-dependent, performance).*

Additionally, and very importantly, the Marldon design means that the unit remains stable longitudinally.

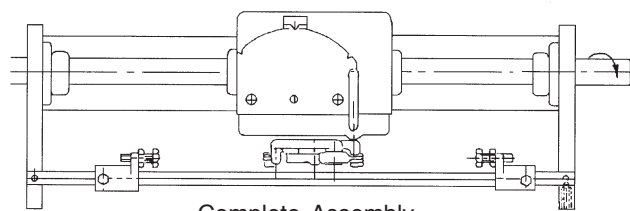
*(Competing designs must "float" around the shaft leading to a rocking action (or loss of traction if vibration is present) which can result in loss of precision and variation in side thrust).*

The **marldon** traverse is the only unit with these features

## CONFIGURATIONS AVAILABLE



Traverse Unit



Complete Assembly

## OPTIONS AVAILABLE

### *Remote Pitch Adjustment*

A gear attachment to the pitch control mechanism enabling the pitch to be adjusted by means of a square section shaft extending through the side of the support assembly.

### *Remote Stop Adjustment*

A mechanism to change the position of the return stops by means of screwed shafts extending through the side of the support assembly.

### *Two Way Shaft Rotation*

To cater for situations where the traverse shaft may be rotated in both directions it is necessary to fit stops in front of and behind the support frame, each set moving into position according to the current shaft direction.

### *Guide Rollers*

For mounting on the traverse box, to guide cable etc.

### *Set Screws*

For different speed in each direction.

### *Reversal Slow Down*

For use when winding flat materials.