



Ultimate Heavy Duty Shaft Extractor

The Ultimate Heavy Duty Shaft Extractor is for the most demanding golf club repair shops that handle a large variety of club-head designs and where a fast turn around on re-shafting jobs are demanded.

With a throw 6 Inches long (150 mm), shafts can be extracted from deep hosel bores commonly found on specialty wedges, irons with unusually flat lies and drivers with volumes in excess of 460cc.

To prevent weakening shafts that are to be re-used, a power spring is integrated into the jack screw assembly. When compressed, the spring generates over 700 Lbs. of thrust against the hosel stopper, forcing the clubhead out as the epoxy bond breaks down under the applied heat.

To cope with the high shear loads generated during extraction, the jack screw is supported by bearings at each end and is restricted laterally by an oversized tie bar. This arrangement converts the available torque into thrust, with very little tear and wear.

The Ultimate shaft extractor is reported to have lasted well over 2000 extraction cycles, before needing the easy to install jack screw refurbishing kit which can be had at the fraction of the cost of a new shaft puller.



Options

190100-02
5" Tap extender



190100-10
Extractor-wood
Steel shafts



190100-10
Extractor-wood
Steel shafts



210310
Mr. T Graphite
Shaft Tip Extractor

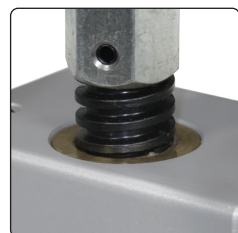


The jack screw assembly comprises the carbonitratred high thread count with ball bearings* at each end, The jack nut fitted with a low friction DRYMET flanged bushing, the linear guide rod, hosel gate and power spring.

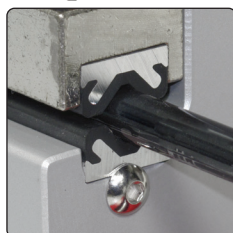
Jack screw assembly Kit No 210906-SK1



Extractor can be held in a bench vis or mounted to work bench

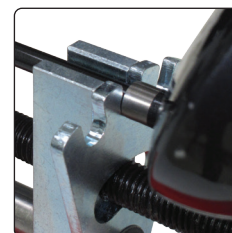


High load, low friction, low wear trapezoidal thread and brass nut produce the large mechanical advantage and efficient transfer of power needed to pin the shaft down with minimal slippage.



High Shear, vulcanized rubber jaws constricts shaft over its circumference, distributing pressure evenly creates slippage inhibiting drag over a larger surface area.

Replacement rubber jaws SP-R04AV-75



Gated hosel plate works with shafts as small as .300 and as large as .410" including shaft adapters up to .55" diameter.