

All Tyre Changers are the same, right? **WRONG!**



QuadraClamp

The QuadraClamp system from Hofmann Megaplan is, without question, the strongest, most reliable, and most functionally perfect turntable ever made. Let us explain why something that normally looks so mundane, is actually so important...

Traditionally, tyre changers have used two clamping cylinders to operate four clamps. A quadrant or 'star' plate under the turntable then drives the two 'slave' clamps simultaneously with the two 'driven' clamps. The new QuadraClamp system uses four clamping cylinders, one per clamp, introducing a whole new range of benefits and producing a level of performance and longevity like never before.

Let's look at the main reasons for Quadraclamp...

Power - have you ever experienced the rim slipping in the jaws under the stress of a tight tyre? Quadraclamp provides double the pressure, and therefore virtually eliminates this problem even when using plastic jaw protectors on the clamps and when handling the toughest run-flat tyre.

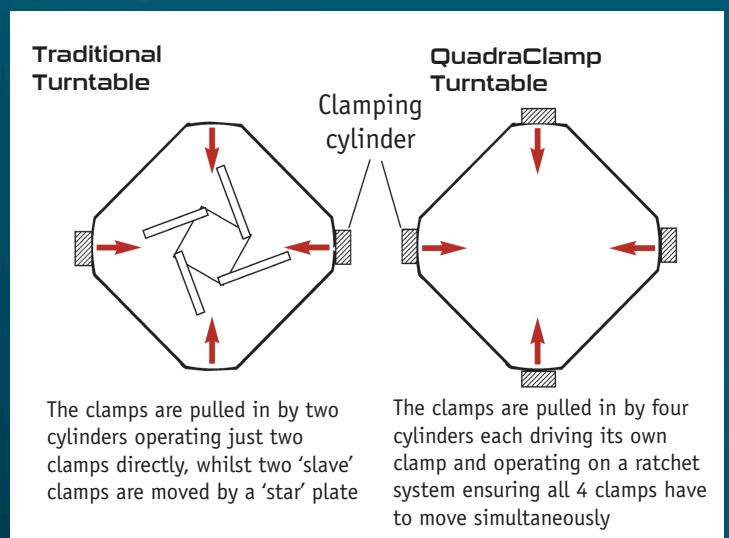
Consistency - all four clamps move back and forth with a perfectly smooth and synchronised movement. On a traditional two cylinder turntable the 'slave' clamps become lazy as the quadrant plate distorts with use and the clamping becomes even more ineffective and less concentric.

Reliability - the elimination of the traditional quadrant plate means there is virtually nothing mechanically to go wrong, and the four cylinders mean the clamping work is shared, halving the workload.

Longevity - the introduction of the material from Du Pont 'Arnite' (a type of hardened, non-porous and wear resistant plastic) into the jaw slide mechanism eliminates the traditional metal to metal contact. Incredibly, tests simulating 20 years of hard work in a high volume tyre shop showed no signs of wear or damage.

Capability - the new system provides a straight 10" to 26" clamping capability without the need for extensions or adjustment as used by our competitors.

Our philosophy at Hofmann Megaplan has always been to provide the best possible engineering solution for every aspect, and the price is secondary. Never has this attitude been more appropriate than it is to QuadraClamp, where a marginal increase in price at the point of purchase can literally save £100s of pounds during the lifetime of a machine when compared to our rivals.



For further information and friendly,
expert advice call Mick or Andy on

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