

Application- Foot Pedal Grinding Tool

PneuTorque® PTM Multiplier + Special Reaction



Overview: Grinding of powered and manual valves, in order to achieve a good seal ensuring that there is no bypass of liquids. Currently it is a two man operation with both operators suffering from fatigue, especially in extreme heat. The operation is performed by using two PMT72-2000 tools to grind away built up scale that has become extremely hard. The time to seat the valve correctly could take anything between 1/2hr to 3 hours depending on the level of scale.

Problem: Operators were suffering from fatigue whilst operating the tool non-stop on difficult valves for up to 3 hours. Because of the fatigue factor there were 2 operators required to actuate the valves.

Solution: PMT72-2000B with special Lubro Unit, modified with foot pedal to be 1 unit. The foot pedal replaces the trigger on the PTM tool, which has been locked into place and the indexing ring has been pinned so it doesn't rotate.

