Torque reaction arm JFS-Series for wheel rims

Adjustable for all sorts of wheel rims

The JUWEL torque reaction arm for wheel rims, adjustable for all sorts of wheel rims, was designed to lighten the tire mounting and dismounting extremely. It is independent useable for all sizes of wheel rims and can be combined with mechanical force multipliers as well as electric or pneumatic torque wrenches. **A force and time saving mounting and dismounting of wheel rims on trucks, construction machines, agricultural machines and special vehicles.**

Description of the single sets:

JFS 01	Torque reaction arm JFS, tool box
JFS 02	Torque reaction arm JFS, mech. force multiplier type 02, ratchet, tool box
JFS 03	Torque reaction arm JFS, mech. force multiplier type 02, torque wrench beam type 01, tool box
JFS 04	Torque reaction arm JFS, electr. torque wrench TES-101, tool box

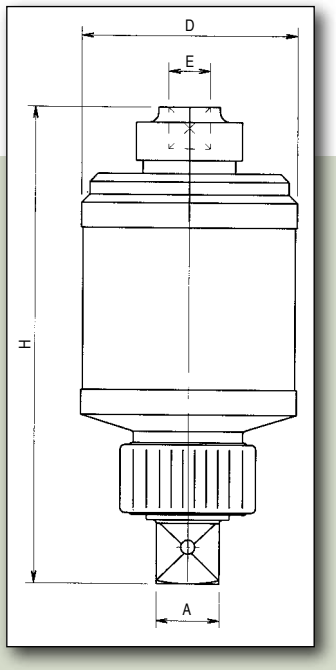
Mechanical force multipliers up to 12000 Nm

- Need no electricity or compressed air and are capable of performing the most difficult tasks easily without any risk of damage to the equipment or injury to the user
- Are equipped with a reversible locking ratchets, ensuring that effort is precisely maintained even at high levels of torque
- In combination with a JUWEL torque wrench "beam type" (not included in delivery), an assembly tool can be constructed capable of establishing screw fastenings to precise torque specifications

Delivery includes:

- Support bevelled
- ½" Ratchet
- Torque table
- Operating instructions
- Tool box, made of steel, with foamed material insert
- Shear pins for spare

Mechanical force multiplier up to 12000 Nm



Technical data

TYPE	Typ 01 RS	Typ 02	Typ 02K	Typ 03	Typ 03L	Typ 04	Typ 06	Typ 07
Art.-No.	10 110 000	10 200 000	10 210 000	10 300 000	10 310 000	10 400 000	10 600 000	10 700 000
Torque min.-max. (Nm)	160-1200	540-3200	540-3200	540-4200	1460-5400	680-6200	1860-10000	1900-12000
Input square E*	½“	½“	½“	½“	½“	½“	½“	½“
Square drive A	1“	1“	1“	1 ½“	1 ½“	1 ½“	1 ½“	1 ½“
Gear diam. (mm) D	85	88	88	88	88	130	130	175
Height (mm) H	180	225	340	235	275	265	315	328
Weight (kg)	3,6	4,7	5,9	5,9	7,5	10,8	15,8	19
Reducing ratio**	1 : 4	1 : 16	1 : 16	1 : 16	1 : 64	1 : 22	1 : 60	1 : 74,8

* Alternatively ¾” inside or outside square

**Notice for engeneering: It´s important to take care of the gear reduction regarding to the torque table for input and output