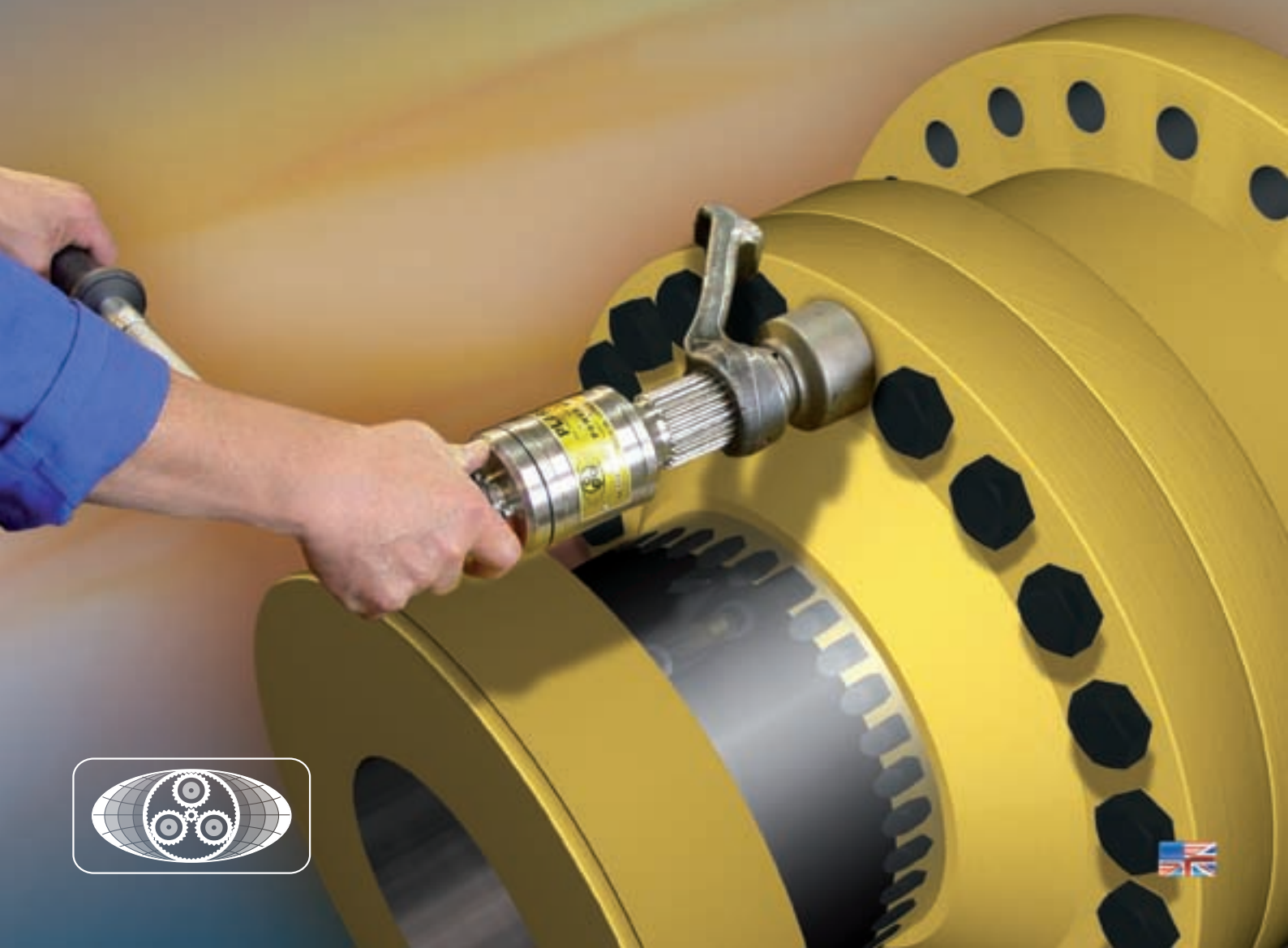


PLARAD[®]
Torque & Tension Systems

XVR/XVK

LTX

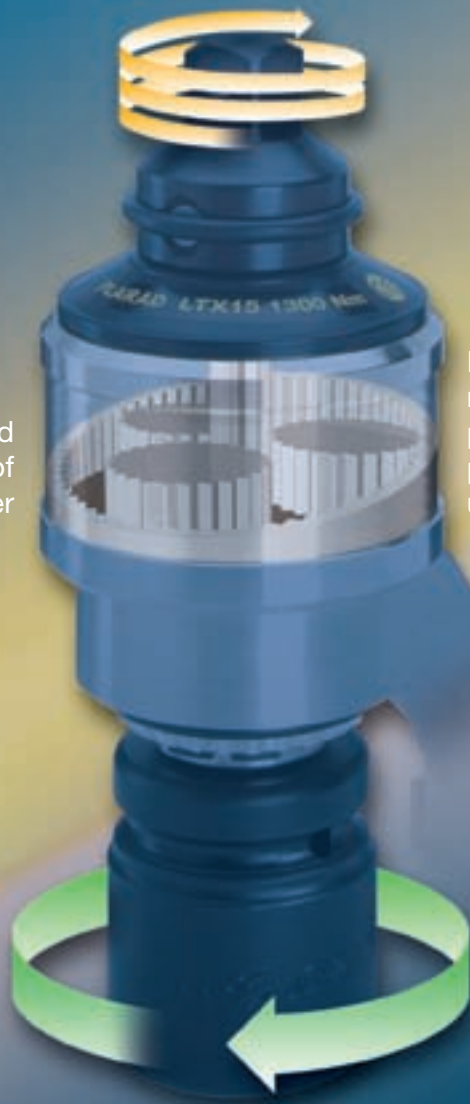
Multiplier



Effective and timeless technology

Plarad's manual multiplier is the ideal solution for applications without additional source of power. Most effective results in the process of tightening and loosening of bolts, applicable everywhere and anytime.

Simplified demonstration of the multiplier



In order to multiply the human force no long lever is needed due to the planetary gear. Bolts and nuts are prevented from damage due to the uniform transfer of force.



PLARAD

XVK

Single level multiplier

XVR

Multi level multiplier with back spinning lock – ensures a high grade of safety for the user

PLARAD
SAFETY

LTX

Multiplier in light-weight construction

Flexible due to vertical adjustment device



- **Applicable for all industrial requirements**
- **Easy-to-handle**
- **Small dimensions**
- **Controlled tightening of bolts with a torque wrench**
- **Easy loosening of bolts with minor expenditure of force**

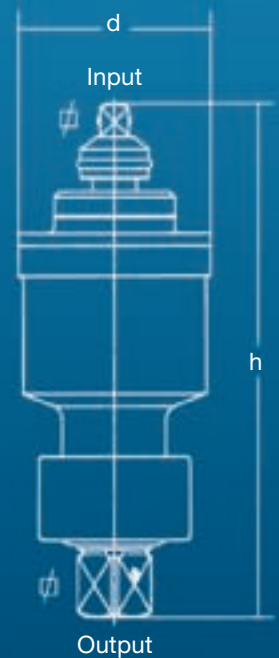
Technical Data

Applicable for all industries. No additional power source required.

Type	Height h	Diameter d	Performance Range	Input ∅	Output ∅
XVK 15	172 mm 6,77 "	81 mm 3,19 "	220 - 1700 Nm 162 - 1254 lbf ft	3/4 "	1 "

Multiplier with back spinning lock

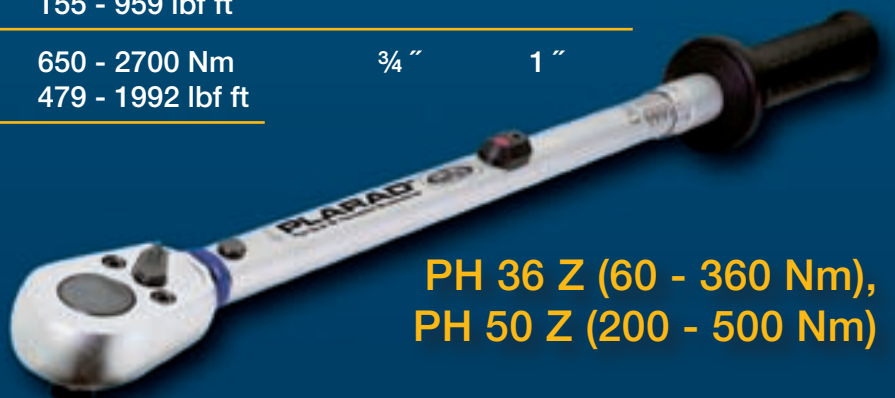
XVR 25	302 mm 11,89 "	81 mm 3,19 "	440 - 2300 Nm 325 - 1696 lbf ft	3/4 "	1 "
XVR 35	273 mm 10,75 "	81 mm 3,19 "	510 - 3600 Nm 376 - 2655 lbf ft	3/4 "	1 "
XVR 40	238 mm 9,37 "	95 mm 3,74 "	560 - 4000 Nm 413 - 2950 lbf ft	3/4 "	1 1/2 "
XVR 65	244 mm 9,60 "	114 mm 4,49 "	820 - 6200 Nm 605 - 4573 lbf ft	3/4 "	1 1/2 "
XVR 70	302 mm 11,89 "	128 mm 5,04 "	980 - 6800 Nm 723 - 5018 lbf ft	3/4 "	1 1/2 "
XVR 90	300 mm 11,81 "	172 mm 6,77 "	1780 - 8600 Nm 1313 - 6343 lbf ft	3/4 "	1 1/2 "
XVR D45	310 mm 12,2 "	128 mm 5,04 "	1000 - 10100 Nm 738 - 7453 lbf ft	3/4 "	1 1/2 "



Multiplier in light-weight construction

LTX 15	176 mm 6,93 "	85 mm 3,35 "	210 - 1300 Nm 155 - 959 lbf ft	3/4 "	1 "
LTX 30	271 mm 10,67 "	85 mm 3,35 "	650 - 2700 Nm 479 - 1992 lbf ft	3/4 "	1 "

Compatible Torque Wrenches



**PH 36 Z (60 - 360 Nm),
PH 50 Z (200 - 500 Nm)**

PLARAD®
Torque & Tension Systems



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