



Hydraulic Torque Wrenches ASD Series - Features

Mono Body Housing

Highest Quality aircraft grade 7075 aluminum housing.

Multi tooth ratchet assembly

Highest Strength teeth ensures maximum stroke.

Square Drive

Square drive that easily switches from loosen to tighten.

Laser Engraved Torque Chart

Laser engraved shroud for quick and easy reference for torque strength.

Piston Assembly

Smooth leak proof functioning of enclosed steel alloy piston providing maximum torque. Utilities a single seal for zero maintenance.

Boot

Replaceable pad allowing for on-site change over. Protects costly replacement of reaction arm.

Reaction Arm

Long length Reaction Arm allows for multi positioning. Allows for taking on most applications.

360° Swivels

Dual 360° swivels that allow for free individual movement.

Non-drop Quick-connect couplers

2.5:1 safety ratio couplers. Assure safe operation with ease of engaging and disengaging of hoses.

Anti-backlash Mechanism

Allows hands free working.

Drive Plate

Single piece high strength allow drive plate for maximum life.

Direct Housing Reaction

Allows use without reaction arm.

Reaction Arm Release Button

Housed within the reaction arm for easy operation.

Drive Segment

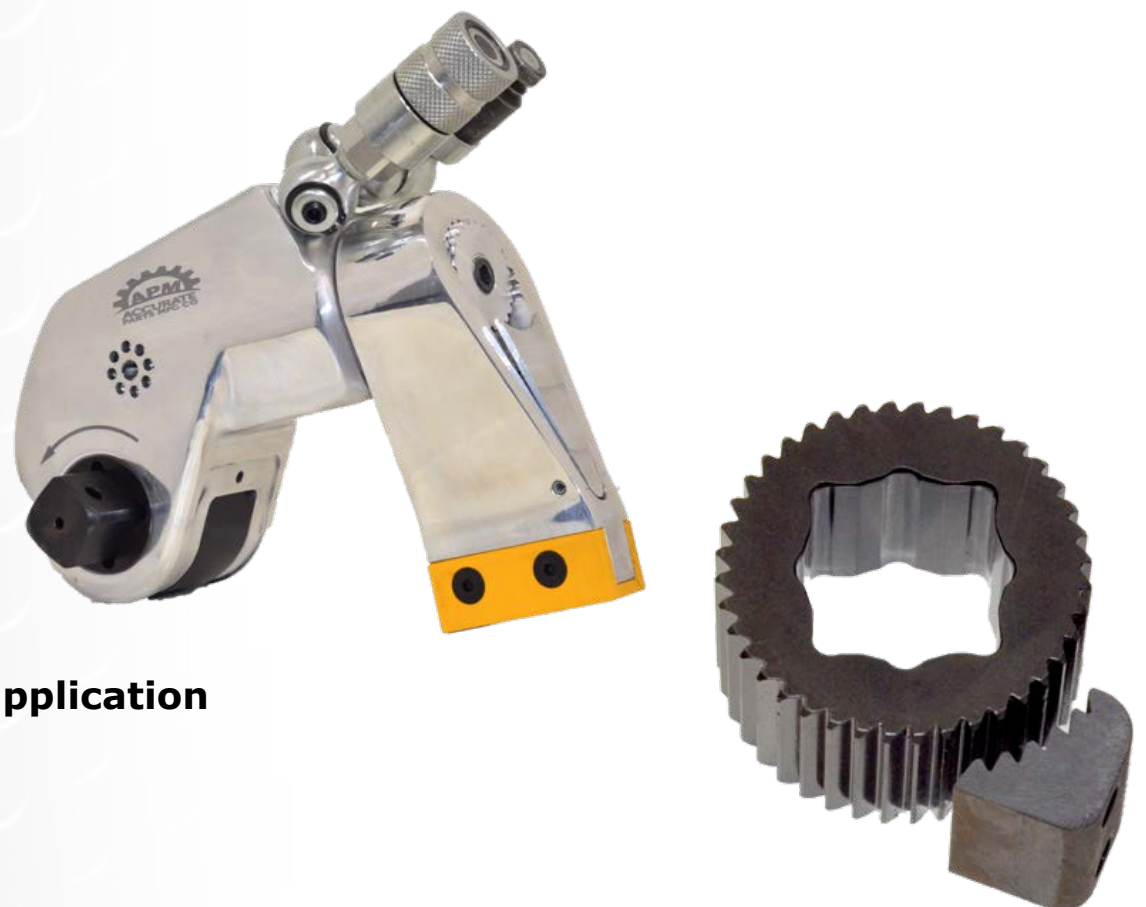
Multi tooth engagement provides maximum contact area to evenly distribute torque load and ensures the tool never locks up.

ASD Series Technical Data

Model No.	ASD-3	ASD-5	ASD-7	ASD-11
Square Drive	1" (25mm)	1 1/2" (38mm)	1 1/2" (38mm)	1 1/2" (38mm)
Min. Torque Lbf/ft	330	534	740	1,100
Max. Torque Lbf/ft	1,270	3,330	5,340	7,400
Output Accuracy	+/-3%	+/-3%	+/-3%	+/-3%
Tool Weight Lbs (Kgs)	9.30 (4.20)	18.60 (8.40)	19.60 (8.90)	30.00 (13.60)

Best Tool for the Job

- In line reaction arm
- Faster stroke
- High torque to weight ratio
- Accurate repeatability
- Hands-off operation
- Less moving parts
- Universal design to fit every application





Hydraulic Torque Wrenches AXD Series - Features

High Strength Body

Cylinder and link body are manufactured from high grade, high strength alloy.

Round Design Cylinder

Simple cylinder design for maximum efficiency and longest term operation.

360° Swivels

Dual 360° swivels that allow for free individual movement.

Non-drip Quick Connect Couplers

4:1 safety ratio couplers. Assures safe operation with ease for engaging and disengaging of hoses.

Link Pin

One simple pin for cassette link to cylinder engagement without using any additional or special tools.

Drive Plate

Single piece high strength alloy drive plate for maximum life. Allows small nose radius for the tool.

Multi Tooth Ratchet Assembly

Highest strength teeth ensures maximum stroke with greatest efficiency.

Drive Segment

Never lock drive segment does not let the wrench lock and thus eliminates the requirement of a ratchet release mechanism.

In-Line Reaction Pad

Ensures that there is torsion free reaction during use.

Sliders

Reduce friction and prevent wear on the piston.

Alignment Pins

Ensures equal load distribution between the 2 side plates.

Piston Seals

High temperature polyurethane seals ensure years of maintenance free operation.

AXD Series Technical Data

Model No.	AXD-2	AXD-4	AXD-8	AXD-16	AXD-32	AXD-45
Tool Hex from	3/4" (19mm)	1" (25mm)	1 7/8" (50mm)	2 5/8" (65mm)	3 1/8" (80mm)	3 1/8" (80mm)
to	2 3/8" (60mm)	3 1/8" (80mm)	4" (105mm)	4 5/8" (115mm)	6 1/8" (155mm)	6 1/2" (165mm)
Min. Torque Lbf/ft	192	395	830	1,560	3,220	4,865
Max. Torque Lbf/ft	1,928	3,950	8,630	16,600	35,650	47,380
Output Accuracy	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%
Tool Weight Lbs (Kgs)	3.70 (1.66)	8.00 (3.62)	15.20 (6.91)	28.60 (13.00)	40.30 (18.30)	39.50 (17.95)

For when you need that extra strength

- Ultra-slim design, fits where other tools can't
- Fast, Accurate and Dependable
- High strength body for extra endurance
- Accurate repeatability
- In-Line reaction pad
- Round design cylinder
- Universal design to fit every application

