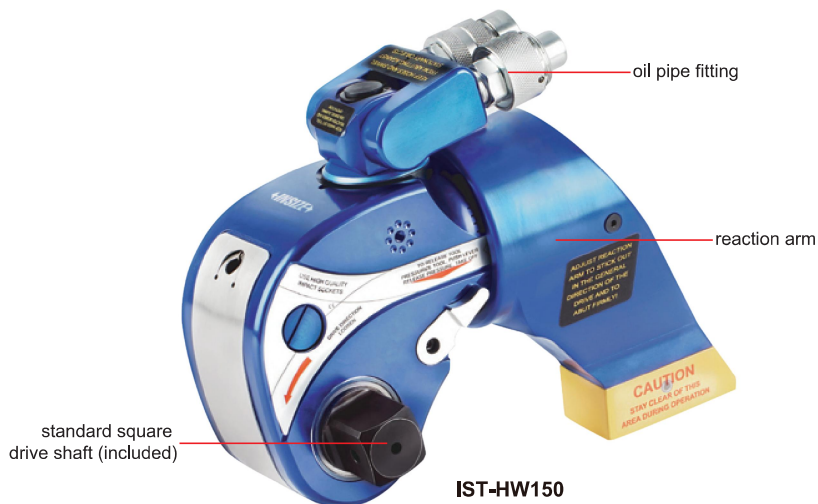


HYDRAULIC TORQUE WRENCHES WITH DRIVE SHAFT

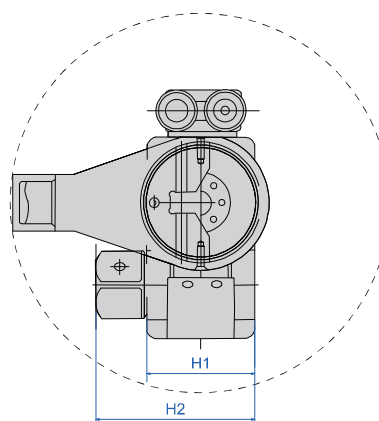
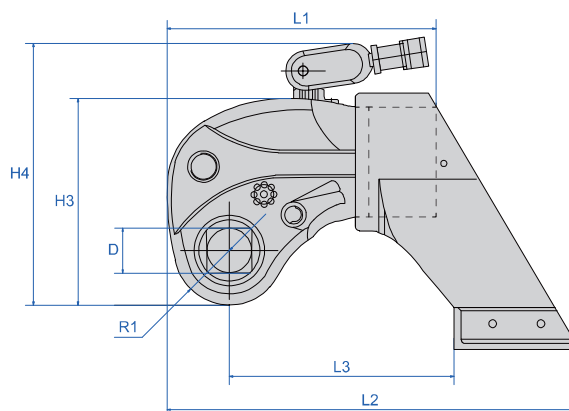
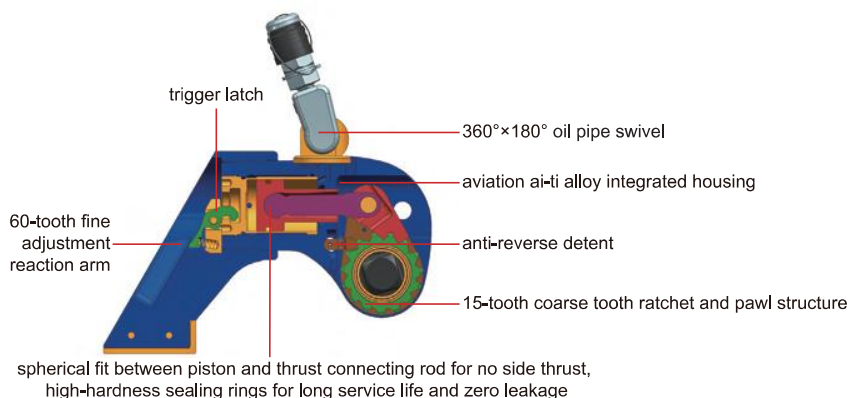
CUSTOMIZABLE MAXIMUM
TORQUE CAPACITY: 7375.62ft.lb

- Constructed with a one-piece housing made of high-tech aerospace aluminum-titanium alloy, it offers outstanding strength while remaining lightweight
- Ratchet and pawl adopt coarse-tooth structure, ensuring sufficient safety margin under full load
- Special anti-reversal detent prevents reverse rotation caused by springback of deformed bolts
- 360°×180° oil pipe swivel and 360-degree 60-point fine-tuning reaction arm, suitable for various complex working conditions
- 60-tooth fine-tuning reaction arm is precisely positioned on a sturdy pivot point and features a trigger-style latch for easy installation removal and adjustment of the reaction arm's direction
- A crisp clicking sound occurs on each return stroke, assisting operators with precise control



SPECIFICATION

Part No.	Torque output range		Accuracy	Square drive size (D)	Suitable metric bolts	Net weight
IST-HW18	182~1820N.m	134~1342ft.lb	±3%	3/4"	M8~M30	3.97lb
IST-HW42	425~4250N.m	313~3135ft.lb		1"	M16~M42	8.38lb
IST-HW74	741~7415N.m	547~5469ft.lb		1-1/2"	M20~M48	14.33lb
IST-HW104	1047~10470N.m	772~7722ft.lb		1-1/2"	M22~M52	26.01lb
IST-HW150	1500~15000N.m	1106~11063ft.lb		1-1/2"	M22~M56	32.85lb
IST-HW213	2135~21351N.m	1575~15748ft.lb		2-1/2"	M39~M68	36.16lb
IST-HW267	2678~26785N.m	1975~19756ft.lb		2-1/2"	M48~M80	43.43lb
IST-HW350	3509~35096N.m	2588~25885ft.lb		2-1/2"	M52~M90	70.55lb
IST-HW516	5160~51600N.m	3806~38058ft.lb		2-1/2"	M64~M120	94.80lb



Part No.	L1	L2	L3	H1	H2	H3	H4	R1
IST-HW18	4.88"	7.32"	4.13"	1.97"	2.83"	3.66"	4.92"	0.98"
IST-HW42	6.34"	9.57"	5.32"	2.64"	3.82"	4.88"	6.14"	1.30"
IST-HW74	7.64"	11.54"	6.42"	3.15"	4.92"	5.87"	7.20"	1.57"
IST-HW104	9.21"	12.56"	6.97"	3.54"	5.20"	6.61"	8.78"	1.69"
IST-HW150	9.53"	14.37"	7.95"	3.94"	5.63"	7.32"	8.82"	1.97"
IST-HW213	10.55"	15.79"	9.17"	4.37"	6.81"	8.07"	9.65"	2.17"
IST-HW267	11.57"	17.48"	9.76"	4.72"	7.09"	8.78"	10.24"	2.36"
IST-HW350	12.32"	18.15"	9.88"	5.39"	7.87"	9.72"	11.65"	2.60"
IST-HW516	13.70"	21.65"	12.44"	6.02"	8.58"	11.06"	13.19"	2.99"

- Electric hydraulic torque wrench pump (optional):**
 - 1.1kW brushless alternating current motor with soft start function and no mechanical impact, supporting long-term continuous duty
 - High-performance heat sink automatically activates at an oil temperature of 35°C to ensure continuous and uninterrupted operation
 - Cartridge pressure regulating valve, easy to operate and low maintenance cost
 - Ergonomically designed remote control handle which is comfortable operation and sturdy and durable
 - Electric control box with cooling fins protects circuit boards from overheating
 - Microchip-controlled automatic shutdown after 30 seconds of inactivity, automatic pressure relief, motor overload protection and alarm
 - Solenoid pilot valve for fast reversing, auto pressure relief upon shutdown
 - Equipped with starting capacitor, supports startup under load pressure



electric hydraulic torque wrench pump (optional)

ELECTRIC HYDRAULIC TORQUE WRENCH PUMP (OPTIONAL) SPECIFICATION

Part No.	IST-HW-A1-U	IST-HW-A2-U	IST-HW-A3-U	IST-HW-A4-U
Oil tank volume	2.01gal			
Motor power	1.1kW			
Power supply	AC110V, 60Hz			
Flow rate	2.11gal/min(0~943psi), 0.48gal/min(943~4641psi), 0.22gal/min(4641~10153psi)			
Max working pressure	10153psi			
Remote control cable length	236.22"			
Flow divider	2ch	2ch	4ch	4ch
Automatic heating at low temperature	—	included	—	included
Dimension (L × W × H)	14.76×11.81×16.14"			
Net weight	55.12lb			



lock tooth fitting high-pressure oil pipe (optional)

LOCK TOOTH FITTING HIGH-PRESSURE OIL PIPE (OPTIONAL) SPECIFICATION

Part No.	IST-HW-B1	IST-HW-B2	IST-HW-B3	IST-HW-B4	IST-HW-B5
Threaded connection	1/4NPT				
Max working pressure	10153psi				
Burst pressure	406106psi				
Safety factor	4				
Length	177.17"	236.22"	354.33"	472.44"	590.55"



hex drive shaft (optional)

HYDRAULIC OIL (OPTIONAL) SPECIFICATION

Part No.	IST-HW-C1	IST-HW-C2
Grade	46#	32#
Operating condition	ambient temperature	ultra low temperature
Working volume	1.32gal	
Service life	500h	

OPTIONAL ACCESSORY

Electric hydraulic torque wrench pump	IST-HW-A1/A2/A3/A4-U
Lock tooth fitting high-pressure oil pipe	IST-HW-B1/B2/B3/B4/B5
Hydraulic oil	IST-HW-C1/C2
Hex drive shaft	customized according to customer requirements*

* Customizable internal hexagonal sizes: 0.67", 0.75", 0.87", 0.94", 1.06", 1.26", 1.42", 1.61", 1.81"

STANDARD DELIVERY

Hydraulic torque wrench with drive shaft	1 pc
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hydraulic oil (optional)