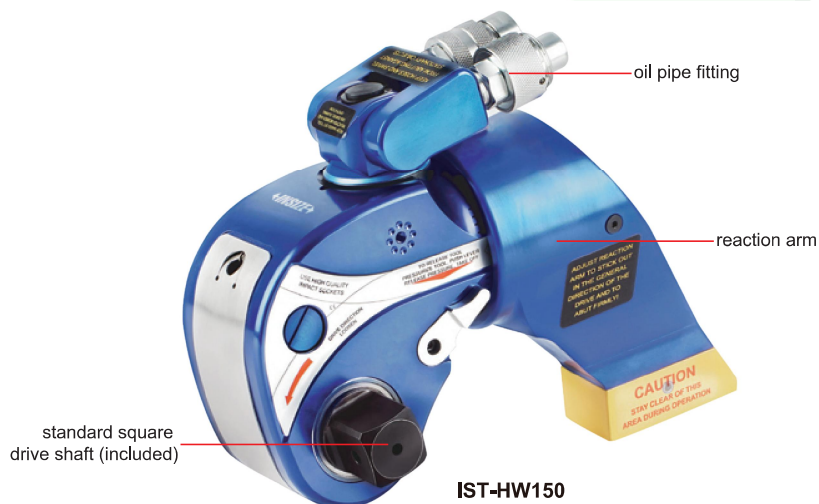


HYDRAULIC TORQUE WRENCHES WITH DRIVE SHAFT

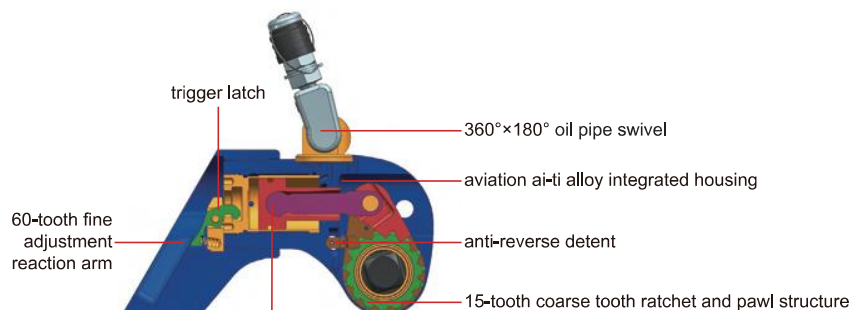
CUSTOMIZABLE MAXIMUM
TORQUE CAPACITY: 100000N.m

- 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

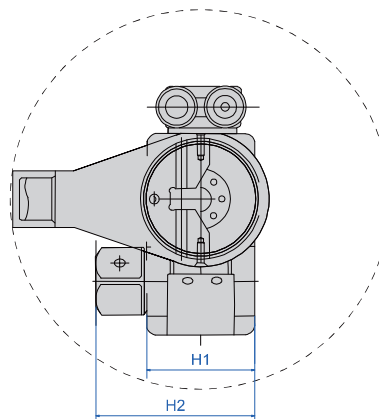
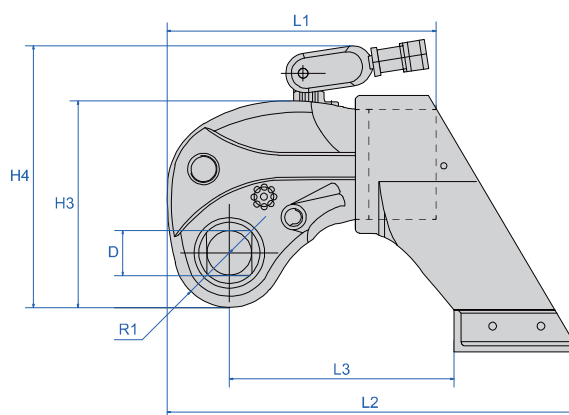
Code	Torque output range	Accuracy	Square drive size (D)	Suitable metric bolts	Net weight
IST-HW18	182~1820N.m	±3%	3/4"	M8~M30	1800g
IST-HW42	425~4250N.m		1"	M16~M42	3800g
IST-HW74	741~7415N.m		1-1/2"	M20~M48	6500g
IST-HW104	1047~10470N.m		1-1/2"	M22~M52	11800g
IST-HW150	1500~15000N.m		1-1/2"	M22~M56	14900g
IST-HW213	2135~21351N.m		2-1/2"	M39~M68	16400g
IST-HW267	2678~26785N.m		2-1/2"	M48~M80	19700g
IST-HW350	3509~35096N.m		2-1/2"	M52~M90	32000g
IST-HW516	5160~51600N.m		2-1/2"	M64~M120	43000g



spherical fit between piston and thrust connecting rod for no side thrust, high-hardness sealing rings for long service life and zero leakage



application



Code	L1	L2	L3	H1	H2	H3	H4	R1
IST-HW18	124	186	105	50	72	93	125	25
IST-HW42	161	243	135	67	97	124	156	33
IST-HW74	194	293	163	80	125	149	183	40
IST-HW104	234	319	177	90	132	168	223	43
IST-HW150	242	365	202	100	143	186	224	50
IST-HW213	268	401	233	111	173	205	245	55
IST-HW267	294	444	248	120	180	223	260	60
IST-HW350	313	461	251	137	200	247	296	66
IST-HW516	348	550	316	153	218	281	335	76

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

Code	IST-HW-A1	IST-HW-A2	IST-HW-A3	IST-HW-A4
Oil tank volume	7.6L			
Motor power	1.1kW			
Power supply	AC220V, 50Hz			
Flow rate	8L/min(0~6.5MPa), 1.8L/min(6.5~32MPa), 0.85L/min(32~70MPa)			
Max working pressure	70MPa			
Remote control cable length	6m			
Flow divider	2ch	2ch	4ch	4ch
Automatic heating at low temperature	—	included	—	included
Dimension (L × W × H)	375×300×410mm			
Net weight	25kg			



lock tooth fitting high-pressure oil pipe (optional)

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

Code	IST-HW-B1	IST-HW-B2	IST-HW-B3	IST-HW-B4	IST-HW-B5
Threaded connection	1/4NPT				
Max working pressure	70MPa				
Burst pressure	2800MPa				
Safety factor	4				
Length	4.5m	6m	9m	12m	15m



hex drive shaft (optional)

HYDRAULIC OIL (OPTIONAL) SPECIFICATION

Code	IST-HW-C1	IST-HW-C2
Grade	46#	32#
Operating condition	ambient temperature	ultra low temperature
Working volume	5L	
Service life	500h	

OPTIONAL ACCESSORY

Electric hydraulic torque wrench pump	IST-HW-A1/A2/A3/A4
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:
17, 19, 22, 24, 27, 32, 36, 41, 46mm



hydraulic oil (optional)

STANDARD DELIVERY

Hydraulic torque wrench with drive shaft	1 pc
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