

HAWK INDUSTRIES

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A U.S.-based corporation, Hawk Industries focuses in Designing and Manufacturing Drill Pipe Make/Break Machines for the Oil & Gas Industry. It takes pride in the level of reliability and safety its products deliver, as well as the numerous international patents held. For almost 50 years, Hawk Industries has combined a proven past with the latest technologies to be an industry leader in innovation and quality.

HawkJaw Drill Pipe Power Tong

The HAWKJAW Power Tong was the industry's first fully integrated Drill Pipe Make/Break Machine. With its proven spinning wrench and patented torque wrench, it remains a favorite of drillers and floor hands alike due to its speed, ease of operation, and inherent safety. Its modular construction provides for easy maintenance and servicing, while the compact design allows it to fit on virtually any rig floor. With a single support cable and a back-up line, the unit is quick to rig up and operate.



		Junior	Senior
Torque		Make-up 65,000 ft. lbs. Break-out 80,000 ft. lbs.	Make-up 100,000 ft. lbs. Break-out 100,000 ft. lbs.
Tool Joints Size Range		3.5" O.D. through 8.0" O.D.	4.0" O.D. through 9.5" O.D.
Spinner Size Range		2.875" O.D. through 8.0" O.D.	2.875" O.D. through 9.5" O.D.
Pipe Spinner Torque		3000 ft. lbs. on 5" pipe	3000 ft. lbs. on 5" pipe
Hydraulics		3000 PSI @ 20-35 gpm	3000 PSI @ 20-35 gpm
Air		100 PSI @ 2-10 cfm	100 PSI @ 2-10 cfm
Dimensions	Width	47.8"	56.1"
	Depth	43"	60"
	Height	93.5"	101.5"
Weight		2,600 lbs.	4,700 lbs.

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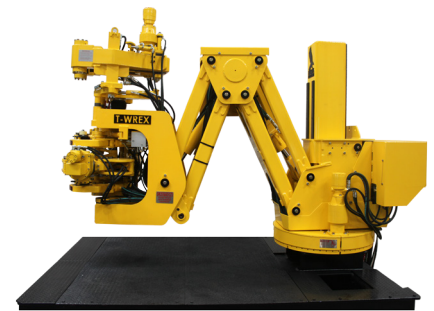
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T-Wrex Make-Up/Break-Out System

State-of-the-art Design That Meets Your Needs

The T-WREX Make-up/Break-out System provides all the proven performance, reliability, and safety features of HawkJaw in a pedestal mounted configuration for remote-controlled operation. Ideally suited to the harsh environments of offshore drilling, as well as large scale land-based applications, the T-WREX is an efficient system that can significantly reduce your trip time. Two models are available to fit your field needs.

- Up to 40% improvement in trip time
- Operated by remote console
- Increased safety and reliability
- Preset torque regulator ensures proper make-up of each joint
- Low torque warning system prevents under-torqued connections
- Spins and torques in under 15 seconds in most applications
- Infinite pipe size adjustability within working range of tool
- No jaw/die changes required for different pipe sizes



		Junior		Senior	
Torque		Make-up 60,000 ft. lbs.		Make-up 100,000 ft. lbs.	
		Break-out 80,000 ft. lbs.		Break-out 100,000 ft. lbs.	
Tool Joints Size Range		3.5" O.D. through 8.0" O.D.		4.0" O.D. through 9.5" O.D.	
Spinner Size Range		2.875" O.D. through 8.0" O.D.		2.875" O.D. through 8.0" O.D.	
Pipe Spinner Torque		3000 ft. lbs. on 5" pipe		3000 ft. lbs. on 5" pipe	
Hydraulics		3000 PSI @ 20-35 gpm		3000 PSI @ 20-35 gpm	
Air		100 PSI @ 2-10 cfm		100 PSI @ 2-10 cfm	
Dimensions	Width	47.7"		53.5"	
	Depth	62.2" Retracted	134.3" Extended	73.6" Retracted	145.9" Extended
	Height	99.8"		99.8"	
Weight		7750 lbs.		8820 lbs.	
Head tilt		"+/-" 15 degrees		"+/-" 15 degrees	
Rotation		Up to 270 degrees		Up to 270 degrees	

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Spinmaster Drill Pipe Spinners



A pioneer in drill pipe spinning technology, Hawk Industries has 35 years of experience in manufacturing and testing spinning wrenches. Its experience, along with input from drilling contractors around the world, led to the introduction of the SPINMASTER, one of the fastest, safest, and most efficient drill pipe spinners on the market today. Available in pneumatic or hydraulic models in two sizes, the SPINMASTER features field-proven gripping system, along with a wide range of performance enhancements.

- High torque output of up to 2272 ft. lbs.
- Compact design is lighter than comparable tools, helping to reduce crew fatigue and increase safety
- Quick pin releases allow easy adjustment for different pipe sizes
- Externally mounted bearings with removable caps for ease of maintenance
- Roller-type chain eliminates slippage, extends life and lowers maintenance costs

		550-H Hydraulic	550-A Pneumatic	950-H Hydraulic	950-A Pneumatic
Pipe Size Range		2.875" to 5.5"	2.875" to 5.5"	2.875" to 9.5"	2.875" to 9.5"
Max. Torque (ft. lbs.)		600 to 1085	600 to 1250	600 to 1972	600 to 2272
Max. Speed (rpm)		130 to 70	130 to 70	130 to 39	130 to 39
Weight (lbs.)		500	550	575	625
Dimensions	Width	21"	21"	22"	22"
	Depth	28"	28"	36"	36"
	Height	45"	45"	45"	45"
Power requirements		2000 PSI @ 20 gpm	100 PSI @ 240 cfm	2000 PSI @ 20 gpm	100 PSI @ 240 cfm



Operator controls can be pedestal or panel mounted for installation on the drill floor or in the driller's cabin

Energy Equipment Services normally stocks one or two units of HawkJaw Senior and Junior in our premises and also stocks up more than USD 500,000.00 of spares to cater our customers operation within the region. The spares we have stock is very comprehensive and it can meet the needs of our customers.

Energy Equipment Services is an Authorized Repair Facility for Hawk Industries in this region. We are able to perform Dismantle & Inspection, Servicing & Repair and Overhauling of Units in our premises.