



WARRIOR
MOVE PIPE BETTER™

Q1
API Spec Q1
Registered
Q1-3419

API
8C-0314

HYDRAULIC TOP DRIVES

Warrior's hydraulic top drives are designed to fit into small masts for shallow or medium depth drilling and service rigs. They can be set-up as permanent installations (integral to the mast) or as portable units with a removable guide rail in the mast.

All Warrior Top Drives have the following Standard Features:

Soft stab feature (internal thread compensation)

Integral Blocks (or links & bail adapter)

Integral Backup Wrench

PLC Controlled

Link Tilt & Elevator Float

Automated Elevator Option

Warrior can custom-design a complete system consisting of top drive, drillers console, hydraulic power unit (AC or diesel driven), guide rail and accessories to fit each unique rig application.



For applicable patents see www.warriorrig.com/company/patents

www.warriorrig.com sales@warriorrig.com

1515 - 28 Street N.E., Calgary, Alberta, Canada T2A 3T1 | Phone: 403.291.6444 Fax: 403.291.6424
10713 West Sam Houston Parkway North, Suite 800, Houston, Texas, 77064 | Toll-Free: 877.991.6444
123 Land Of Goshen Drive, Springtown, Texas, 76082 | Phone: 817.220.0144 Fax: 817.220.0151

WARRIOR TOP DRIVE SPECIFICATIONS

Model		110H70	250H14	250H14HR	*3527H14HR
Rated Hoisting Capacity	Tons	110	250	250	350
	Tonnes	100	227	227	318
Max Continuous Rotational Speed:	RPM	**180	**180	**180	**180
Power Unit (Diesel):	HP	630	***630	***630	760
	kW	463	463	463	566
Nominal Breakout Torque:	ft-lb	16,500	32,000	32,000	35,000
	N-m	22,370	43,386	43,386	47,450
Nominal Make-up Torque:	ft-lb	15,500	29,000	29,000	32,000
	N-m	21,015	39,300	39,300	43,386
Max Continuous Drill Torque:	ft-lb	13,500	26,000	26,000	28,000
	N-m	18,300	35,250	35,250	37,960
Back-up Wrench Dia. Ranges:	in	3.5 - 6.38	3.38 - 8.38	3.38 - 8.38	3.38 - 8.38
	mm	89 - 162	86 - 213	86 - 213	86 - 213
Back-up Wrench Max. Torque:	ft-lb	18,000	32,000	32,000	35,000
	N-m	24,400	43,386	43,386	47,450
Quill Connection:		NC40	NC50	NC50	NC50
		(4 FH)	(4-1/2 IF)	(4-1/2 IF)	(4-1/2 IF)
Water Course Diameter:	in	2-13/16	2-13/16	2-13/16	2-13/16
	mm	71.5	71.5	71.5	71.5
Rated Water Circulating Pressure:	PSI	3,000	5,000	5,000	5,000
	kPa	21,000	35,000	35,000	35,000
Pipe Handler (360° continuous rotation):		No	No	Yes	Yes
Estimated Weight: (w/guide trolley & extend feature)	lb	6,500	13,500	14,500	16,500
	kg	2,948	6,123	6,577	7,485
		<i>*does not include extend feature</i>			
Width:	in	34.3	46.75	46.75	47.5
	mm	871	1,187	1,187	1,206
Depth Including Guide Rail:	in	44	48.25	50.75	50.75
	mm	1,117	1,225	1,289	1,289

Torques are Theoretical - Hydraulic Power Unit Dependent, refer to website for additional details.

Heli-Portable optional, ** 200 rpm optional, *760 hp diesel optional, AC motor drive optional*

**Optional - Other tonnage ratings*

www.warriorrig.com sales@warriorrig.com



1515 - 28 Street N.E., Calgary, Alberta, Canada T2A 3T1 | Phone: 403.291.6444 Fax: 403.291.6424
 10713 West Sam Houston Parkway North, Suite 800, Houston, Texas, 77064 | Toll-Free: 877.991.6444
 123 Land Of Goshen Drive, Springtown, Texas, 76082 | Phone: 817.220.0144 Fax: 817.220.0151