



**DRAWWORKS**

*Beyond Integration  
Seamless Solutions™*



## Single-Speed Gear Driven Drawworks

The TSC line of single-Speed Gear Driven Drawworks provides drillers with enhanced hoisting control capabilities that increase the efficiency, productivity, and safety of the drilling process. The drawworks are equipped with AC motors which provide significantly more performance and have made possible a machine that requires approximately half the space and weight with less maintenance than traditional drawworks.

The drawworks (DW1500, DW4600, DW6000) is designed according to API 7k specifications, normally under supervision by a third party like ABS or DNV.

### Features

- Choice of one or four AC motors with regenerative braking.
- The Single-Speeds Gear Driven drawworks are equipped with 1150HP and 1500 HP AC motors. The motors feature forced air cooling and have temperature sensors installed in the stator windings.
- Reduced noise with an enclosed design.
- Increased operational capacity and availability.



### Specifications—TSC'S Single-Speed Gear Driven DRAWWORKS

Model	DW 1500	DW 4600	DW 6000
AC motors/ (NxHP)	1500	4x1150	4x1500
Hook Load/ lbs(mt)	500,000(220)	1,500,000(680)	2,000,000(907)
Number of lines	12	14	14
Drilling rope/inch	1-1/4"	1-3/4"	2"
Max. hook speed/ ft/s(m/s)	3.9(1.18)	4(1.22)	3.5(1.07)
Approx. dimensions /LxWxH ft (m)	12.1x10.8x9.8 (3.7x3.3x2.9)	27.9x11.8x10.8 (8.5x3.6x3.3)	31x12.5x11.5 (9.5x3.8x3.5)
Approx. weight / lbs (mt)	60,000(27)	143,000(65)	165,000(75)

Notice: Specifications are subject to change without notice.

# DRAWWORKS

## Multi-Speed Gear Driven Drawworks

The TSC line of Multi-Speed Gear Driven Drawworks provides drillers with enhanced hoisting control capabilities that increase the efficiency, productivity, and safety of the drilling process. The drawworks are equipped with AC motors which provide significantly more performance and have made possible a machine that requires approximately half the space and weight with less maintenance than traditional drawworks.

The drawworks (DW1500, DW2300, DW3000) is designed according to API 7k specifications, normally under supervision by a third party like ABS or DNV.

### Features

- Choice of one, two AC motors with regenerative braking.
- The Multi-Speed Gear Driven drawworks are equipped with 1150HP and 1500 HP AC motors. The motors feature forced air cooling and have temperature sensors installed in the stator windings.
- Reduced weight on deck.
- Increased operational capacity and availability.



### Specifications—TSC'S Multi-Speed Gear Driven DRAWWORKS

Model	DW 1500	DW 2300	DW 3000
AC motors/ (NxHP)	1500	2x1150	2x1500
Hook Load/ lbs(mt)	750000(340)	1300000(585)	1500000(680)
Number of lines	12	14	14
Drilling rope/inch	1-3/8"	1-5/8"	1-3/4"
Max. hook speed/ ft/s(m/s)	4.5(1.37)	3.95(1.2)	4(1.22)
Approx. dimensions /LxWxH ft (m)	12.8x10.8x9.5 (3.9x3.3x2.9)	15.7x11.5x7.9 (4.8x3.5x2.4)	24.3x12.1x9.5 (7.4x3.7x2.9)
Approx. weight / lbs (mt)	98,500(30)	105,600(48)	127,600(58)

Notice: Specifications are subject to change without notice

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