

MTS TOOS designs and produces the highest quality **Crown Blocks**

MTS TOOS **Crown Blocks** are available in multiple weight sizes and load ratings to fit your drilling operation's requirements.

MTS TOOS **Crown Blocks** include the largest sizes used in the drilling industry.

MTS TOOS API sheaves, with hardened grooves, are independently mounted on tapered roller bearings.

MTS TOOS **Crown blocks** are offered with five sheave sizes and five load ratings. The sheaves are independently mounted on double-row tapered bearings which minimize friction.

Flame-hardened rope grooves in the sheaves are machined in accordance with API recommendations and each sheave is a 3-piece steel forging rim assuring longer sheave life and elimination of cracks.

MTS-TOOS.COM

Crown Block ISO 13535 Certified



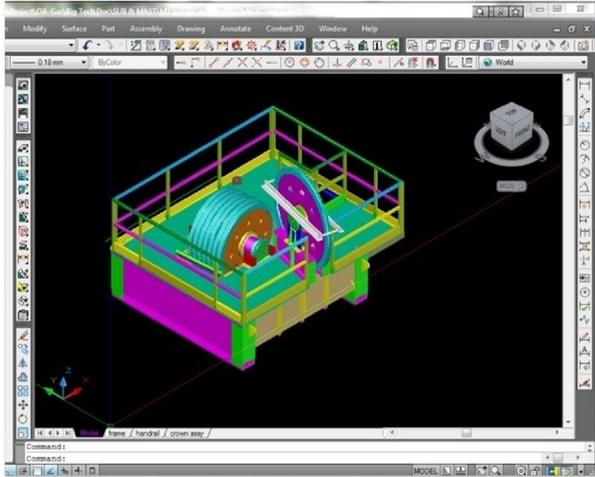
Management, Procurement & Construction

MTS Toos co.

Through its subsidiaries and affiliates, is a leading provider of engineering and construction services, technology products and integrated solutions.



The **crown block** is the stationary section of a **block** and tackle that contains a set of pulleys or sheaves through which the drill line (wire rope) is threaded or reeved and is opposite and above the traveling block .



Features/Benefits

- Heavy steel fabricated main frame
- Heavy wireline guards
- Steel sheaves with flame hardened API wireline grooves
- Tapered roller bearings in sheaves
- Oil quenched and tempered alloy steel pin with individual grease passages to each center pin bearing
- High strength steel becket
- Designed to API Standard 8A

Crown Block Specification

Specifications and parameter

Specifications and parameter	MTS 90 D	MTS 70 D
Max hook load rating kips(kN)	1518(6750)	992(4500)
Sheave NO.	7	6
OD of cluster sheave mm(inch)	1524(60)	1524(60)
OD of fast sheave mm(inch)	1828(72)	1828(72)
Dia of the wire line	1 5/8	1 3/8
Overall size(LxWxH) mm(inch)	4000x3200x3200 (157.5x126x126)	3700x2800x3000 (145.6x110x118)
Theoretical weight kg(lb)	17000(34000)	15000(30000)

We believe in **service above all** since our singular goal is to move our customers' business forward. This drives us to anticipate our customers' needs and work with them to deliver the finest products and services on time and on budget.

Key client

National Iranian Drilling Co.
Kala Naft

PKMS

In the vendor list:

NISOC

NDC

Tadbir Drilling Co

MAPNA Drilling Co

Dana Drilling Co

Tasdid Co

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