



A Division of GOTCO International Inc.

Make-up/ Break-out Units

Ez-Tork

Faz-Tork

Star Tork

Jar Testers

Model G-150



A Division of GOTCO International Inc.

Make-up / Breakout Units

Ez-Tork

Ratchet Style Rotation

Model 200

3-1/2" – 14" Dia – 190,000 Ft Lbs

Faz-Tork

Gear Driven Continuous Rotation

Model 40

2-3/8" – 10-3/4" Dia- 35,000 Ft Lb

Model 60

2-3/8" – 12-3/4" Dia – 55,000 Ft Lb

Model 80

2-3/8" – 12-3/4" Dia – 75,000 Ft Lb

Star Tork

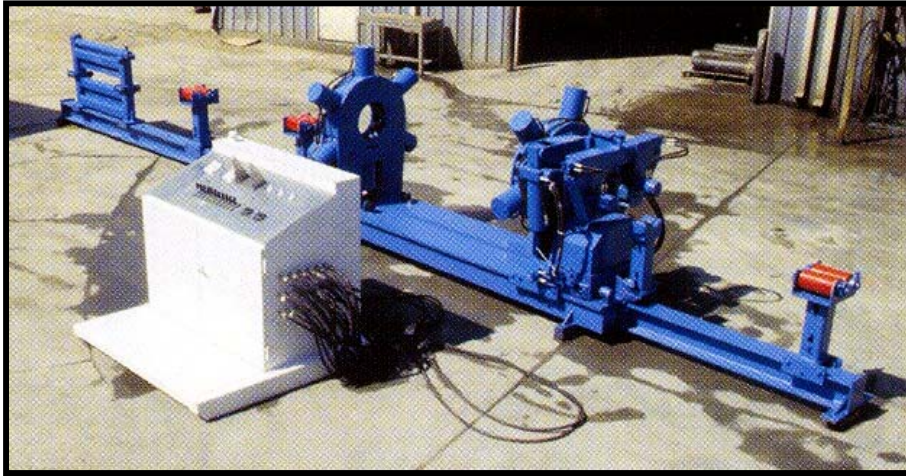
Gear Driven Continuous Rotation

2-3/8" – 22" Dia – 100,000 Ft Lbs

EZ-TORK 200

This unit is designed to handle torquing needs of not only downhole motors, but also fishing tools, MWD equipment and other downhole equipment.

The EZ-TORK 200 description below lists the accessories available with the EZ-TORK hydraulic torquing units. EZ-TORK can be purchased as shown below or components can be furnished separately. Field installation and service available by experienced Pena personnel.



Uniform contact is made with six (6) synchronized self centering cylinders with jaws that adjusts to fit any size.

EZ-Tork 200 Comes Complete With:

Standard Features:

- Primary Skid 40" W x 132" L x 67" H
- 30 HP HPU with Control Console

Optional Features:

- 19.5" Head Beam Extension
- 6 ft Tail Stock Beam Extension
- Back-up Push and Pull Cylinder
- Three Hydraulic Support Rollers
- Spinner
- Computerized Torque Control System Complete With Printer

Specification	Torquing Unit	Spinner	Push/Pull Unit
Diameter Capacity - in	3-1/2" – 14"	3-1/2" – 14"	N/A
Torque Cap. –Make/Break– ft. lbs	160,000/ 200,000	2000	N/A
Push-Pull Stroke - in	N/A	N/A	48"
Overall Length - in	144"	47"	234" with beam
Overall Width - in	57.25"	19	8"
Overall Height - in	73.25"	24-1/2"	46"
Weight - lbs	9,500	480	780

FazTork 40

The FazTork 40 is a self contained free standing hydraulic powered unit designed for fast and accurate Makeup or breakout of threaded connections on downhole tools.

The FazTork 40 description below lists the accessories available with the unit. The FazTork can be purchased as shown below or components can be furnished separately.

Field installation and service available by experienced Pena personnel.

Design Features

- Gear Drive Rotation
- Four (4) Self Centering Cylinders Distribute Forces Evenly
- Synchronized Cylinders Eliminate Need To Change Jaws
- Accepts Standard Tong Dies



FazTork 40 Comes Complete With:

Standard Features:

- Primary Skid 58" W x 144" L x 66" H
- 30 HP HPU with Control Console
- Two Speeds – high 12 rpm / low 6 rpm
- Power Traverse Tailstock

Optional Features:

- 19.5" Head Beam Extension
- 6 ft Tail Stock Beam Extension
- Back-up Push and Pull Cylinder
- Hydraulic Support Rollers
- Spinner
- Computerized Torque Control System Complete With Printer

Specification	Torquing Unit	Push/Pull Unit	20' Beam	6' Beam
Diameter Capacity - in	2-3/8" – 10-3/4"	N/A	N/A	N/A
Torque Capacity – ft. lbs	35,000	N/A	N/A	N/A
Push-Pull Stroke - in	N/A	48"	N/A	N/A
Overall Length - in	156"	228" with beam	234"	72"
Overall Width - in	58"	8"	8"	8"
Overall Height - in	66"	45"	8"	8"
Weight - lbs	6,800	78	800	240



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FazTork 60

The FazTork 60 is a self contained free standing hydraulic powered unit designed for fast and accurate Makeup or breakout of threaded connections on downhole tools.

The FazTork 60 description below lists the accessories available with the units. The FazTork can be purchased as shown below or components can be furnished separately.

Field installation and service available by experienced Pena personnel.

Design Features

- Gear Drive Rotation
- Six (6) Self Centering Cylinders Distribute Forces Evenly
- Synchronized Cylinders Eliminate Need To Change Jaws
- Accepts Standard Tong Dies



FazTork 60 Comes Complete With:

Standard Features:

- Primary Skid 52” W x 144” L x 85” H
- 30 HP HPU with Control Console
- Two Speeds – high 12 rpm / low 6 rpm
- Power Traverse Tailstock

Optional Features:

- 18.5” Head Beam Extension
- 20 ft Tail Stock Beam Extension
- Back-up Push and Pull Cylinder
- Hydraulic Support Rollers
- Spinner
- Computerized Torque Control System Complete With Printer

Specification	Torquing Unit	Push/Pull Unit	20’ Beam	6’ Beam
Diameter Capacity - in	2-3/8” – 12-3/4”	N/A	N/A	N/A
Torque Capacity – ft. lbs	55,000	N/A	N/A	N/A
Push-Pull Stroke - in	N/A	48”	N/A	N/A
Overall Length - in	156”	228” with beam	234”	72”
Overall Width - in	52”	8”	8”	8”
Overall Height - in	85”	45”	8”	8”
Weight - lbs	9,500	78	800	240

FazTork 80

The FazTork 80 is a self contained free standing hydraulic powered unit designed for fast and accurate Makeup or breakout of threaded connections on downhole tools.

The FazTork 80 description below lists the accessories available with the units. FazTork can be purchased as shown below or components can be furnished separately.

Field installation and service available by experienced Pena personnel.

Design Features

- **Gear Drive Rotation**
- **Six (6) Self Centering Cylinders Distribute Forces Evenly**
- **Synchronized Cylinders Eliminate Need To Change Jaws**
- **Accepts Standard Tong Dies**



FazTork 80 Comes Complete With:

Standard Features:

- Primary Skid 52” W x 48” L x 85” H
- 30 HP HPU with Control Console
- Two Speeds – high 12 rpm / low 6 rpm
- Power Traverse Tailstock

Optional Features:

- 18.5” Head Beam Extension
- 20 ft Tail Stock Beam Extension
- Back-up Push and Pull Cylinder
- Model 200-700 Hydraulic Support Rollers
- Spinner
- Computerized Torque Control System Complete With Printer

Specification	Torquing Unit	Push/Pull Unit	20' Beam	6' Beam
Diameter Capacity - in	2-3/8” – 12-3/4”	N/A	N/A	N/A
Torque Capacity – ft. lbs	75,000	N/A	N/A	N/A
Push-Pull Stroke - in	N/A	48”	N/A	N/A
Overall Length - in	156”	228” with beam	234”	72”
Overall Width - in	52”	8”	8”	8”
Overall Height - in	85”	45”	8”	8”
Weight - lbs	9,500	78	800	240

Star Tork

The Star Tork is a continuously rotating machine for quick makeup / breakout of connections from 2-3/8" – 22" diameter. The unit is self contained free-standing with hydraulic power unit and controls.

The Star Tork can be purchased as shown below or components can be furnished separately.

Field installation and service available by experienced Pena personnel.

Design Features

- Continuous Gear Drive Rotation
- Six (6) Self Centering Cylinders Distribute Forces Evenly
- Synchronized Cylinders Eliminate Need To Change Jaws
- Accepts Standard Tong Dies



Star Tork Comes Complete With:

Standard Features:

- Primary Skid 12' long
- Head Stock 2-3/8" – 22"
- Tail Stock 2-3/8" – 22"
- HPU with Control Console
- Power Traverse Tail Stock

Optional Features:

- 20 ft Head and Tailstock Beam Extension
- Support Rollers
- Push & Pull Cylinder Assy
- Soft Touch Inserts
- Spinner
- Computerized Torque Control System Complete With Printer

Specification	Torquing Unit	Push/Pull Unit
Diameter Capacity - in	2-3/8" – 22"	N/A
Torque Capacity – ft. lbs	100,000	N/A
Push-Pull Stroke - in	N/A	48"
Overall Width - in	72"	10"
Overall Length - in	144"	234" with beam
Overall Height - in	96"	46"
Weight - lbs	14,000	780

Jar Testing Units

Model G-150

Technical Specifications

Throat Size: 12"

Stroke: 32"

Max Pull: 135,000 lbs @ 3000 PSI

Max Push: 180,000 lbs @ 3000 PSI

Total Length: 39'-8"



Jar Testing Service Center with EZ-TORK 200K

The G-150 Jar Testing Service Center comes complete with an EX-TORK 200K Make-up/Break-out unit mounted on a rugged oilfield skid and has the capability of operating from 3-1/2" thru 14" diameters with one set of jaws.

This unit will operate from the any Pena Makeup/Breakout unit console.

Technical Specifications

Torque Capacity: Make-up 160,000 ft lbs

Torque Capacity: Break-out 200,000 ft lbs

Overall Length: 132"

Overall Width: 40"

Overall Height: 67"

Weight: 8,500 lbs

EZ-TORK Comes Complete With:

- Hydraulic Control Console
- 11 ft Skid
- Hydraulic Traverse
- Pipe Spinner 3-1/2" thru 14" Dia
- 4 ft Push and Pull Hydraulic Cylinder
- One (1) Twenty Foot Jar Service Center



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Customization

Makeup/ Breakout units can be customized to suit requirements. Complete automated systems can be engineered, manufactured and installed by qualified Pena personnel.

Field Service/ Parts

Trained Pena field service representatives are available for service and installation at any worldwide location.



www.gotco-usa.com

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