

# *Oil and Gas*

Solutions for production,  
turn-arounds and  
maintenance in the  
Oil & Gas industry.



*Atlas Copco*







## ***CHALLENGING APPLICATIONS AND TOUGH ENVIRONMENTS***

*Ever since we first struck oil, it has been a vital asset to us. Every day we use hundreds of things that are made from oil or gas. In an industry with challenging applications and tough environments – Safety, reliability and innovation are key. And a global presence for local needs. It is hard to imagine the world without it.*

*We are global – never far away. We believe in individual solutions. Atlas Copco – safe, high quality products that will increase your productivity.*

# BOLTING

➔ *Atlas Copco can offer the right high quality solution for any possible torque or tension application. We believe in the right product and the right offer.*



## **LMS IMPACT WRENCHES**

*Flexible impact wrench with great capacity-to-weight ratio.*



## **RAPID TORC WRENCHES**

*Bring power, accuracy and safety to bolting applications.*



## **RTP NUTRUNNERS**

*Slim, light and powerful for heavy duty bolting.*



## **TENTEC TENSIONERS**

*Complete range of hydraulic bolt-tensioning solutions.*





**PERFECT FOR FLANGE-RELATED** and other heavy duty bolting applications in the Oil & Gas segment. The handy RTP pneumatic Nutrunner is flexible and safe with an exchangeable drive and a slim gear pack giving you effortless access to bolts in cramped spaces.

**ACCESS TO NUTS AND BOLTS** is a big issue on BOP's. Our solution, the RTX low clearance wrenches with corresponding link for nut size. A uni-swivel moves the hoses away from the operation. Fit it with an on-side reaction arm to remove the stress off the adjacent nut.

## APPLICATION GUIDE – BOLTING

Application	Torque / Load Range			Accessories
	Up to 3000 Nm / Up to 1000 KN load	3000 - 10000 Nm / Up to 1500 KN	10000 - 50000 Nm / 1500 - 4000 KN	
Topside Flanges	CTST / FORCE 10 Tensioners RT / RTX Wrenches			Pneumatic Pumps, Twinline Hoses, Sockets, Reaction arms,
Sub-sea Flanges	COMPACT -8 Tensioners			Sub sea Hose reels, High pressure hose links, split nuts
BOP	RTP Nutrunner LMS Impact wrenches RT / RTX wrenches EA SPANNERS	RT / RTX wrenches		Hoses, Couplings, sockets, Electrical / Pneumatic Pumps, Reaction arms, inserts, Hex reducers, open end / closed end spanners, Filter regulator units
Well heads				
Valve Trees / Christmas Tree				
Pumps	CTST / FORCE 10 Tensioners RT / RTX Wrenches			Pneumatic Pumps, Twinline Hoses, Sockets, Reaction arms, inserts, hex reducers, customized multistud Tensioners
Sand Separators				
HPHT Pipe Joints	RT / RTX wrenches	CTST / FORCE 10 Tensioners RT / RTX wrenches		
Heat Exchangers	CTST / FORCE 10 Tensioners RTP Nutrunner LMS Impact wrenches			Pneumatic Pumps, Twinline Hoses, Sockets, Reaction arms, couplings, Filter regulator units
Reactor Covers	CTST / FORCE 10 Tensioners RT / RTX Wrenches			Pneumatic Pumps, Twinline Hoses, Sockets, Reaction arms,
Gate / Ball Valves	RTP Nutrunner LMS Impact wrenches RT / RTX wrenches EA SPANNERS	RT / RTX wrenches CTST/ FORCE 10 Tensioners		Pneumatic Pumps, Twinline Hoses, Sockets, Reaction arms, open and closed end extreme access spanners
Maintenance	LMS Impact wrenches RT / RTX Wrenches, EA Spanners RTP Nutrunners CTST / FORCE 10 / COMPACT 8 Tensioners	LMS Impact wrenches RT / RTX Wrenches, EA Spanners RTP Nutrunners CTST / FORCE 10 / COMPACT 8 Tensioners	RT / RTX Wrenches CTST / FORCE 10 / COMPACT 8 Tensioners	Hoses, Couplings, sockets, Electrical / Pneumatic Pumps, Reaction arms, inserts, Hex reducers, open end / closed end spanners, Filter regulator units

# MATERIAL REMOVAL

➔ Working in tough environment places high demands on the tools and on the operator. The tools have a high power-to-weight ratio and makes hard work an easy task.



## **GTG TURBINE GRINDERS**

*The turbine motor in a GTG grinder provides extremely high efficiency, resulting in a very high rate of material removal on the roughest surfaces.*



## **BEVELING TOOLS**

*Portable beveling machines offering a combination of power, precision and accuracy.*



## **LSF DIE GRINDERS**

*For optimal productivity and operator comfort we offer our compact and powerful die grinders.*



## **LSV VANE GRINDERS**

*Light weight grinders with outstanding power-to-weight ratio. Also available in sander versions.*





**BUILDING LARGE CONSTRUCTIONS** such as oil rigs demands a vast amount of welding and grinding. In order to improve the productivity and reduce the strain on operators we offer our Turbine grinders GTG40 and GTG25 and our high power-to-weight ratio vane grinders LSV48, LSV38.

**BEVELING GIVES YOU** a sound welded joint with optimum amount of weld in place for maximum strength. Rounded edges of metal surfaces gives you proper thickness of coatings and avoids corrosion and protects edge from chipping. For a quick and perfect result you should use our GTB25 or LSB38.

## APPLICATION GUIDE – MATERIAL REMOVAL

Application	Product recommendation	Accessories
Pipe fabrication	GTG 40/25 Angle Turbine grinders LSV48/38 Angle grinders LSF 28/19 Die grinders	Turbo hoses, MultiFlex and ErgoQIC connectors
Welding preparation	GTB25 Turbine beveling tool GTG 40/25 Turbine grinders LSV48/38 Angle grinders LSF 28/19 Die grinders	Turbo hoses, MultiFlex and ErgoQIC connectors
Weld seam cleaning	GTG 40/25 Angle Turbine grinders LSV 38/28 Angle grinders RVM 07 Weld flux chipper RRC 13 Scaler	Turbo hoses, MultiFlex and ErgoQIC connectors, chisels
Paint and rust removal on pumps, flanges, valves	LSV 38/28 Angle grinders RRC 13 Needle scaler	Turbo hoses, MultiFlex and ErgoQIC connectors
Rust removal on flanges and bolts	RRC 13 Needle scaler	Turbo hoses, MultiFlex and ErgoQIC connectors
Pipe scale removal	LSR 48/38/28 Straight grinders LSF 28/19 Die grinders	Turbo hoses, MultiFlex and ErgoQIC connectors
Maintenance	GTG 25 Angle Turbine grinder LSV 38/28 Angle grinders RVM 07 Weld flux chipper RRC 13 Scaler	Turbo hoses, MultiFlex and ErgoQIC connectors, chisels

## ***COMMITTED TO SUSTAINABLE PRODUCTIVITY***

We stand by our responsibilities towards our customers,  
towards the environment and the people around us.  
We make performance stand a test of time.  
This is what we call – Sustainable Productivity.

[www.atlascopco.com](http://www.atlascopco.com)

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