

A photograph of a large industrial facility, likely a mining mill. In the foreground, a massive metal structure with a grid of rivets is being worked on. A red support arm is visible on the left. In the background, a yellow mining truck is parked. The ceiling is high with industrial lighting.

**Atlas Copco**

**Transform your relining  
process: triple the speed of  
bolting in mining mills**

Atlas Copco high torque tools



# Increase productivity with our electric nutrunner **Tensor Revo HA**

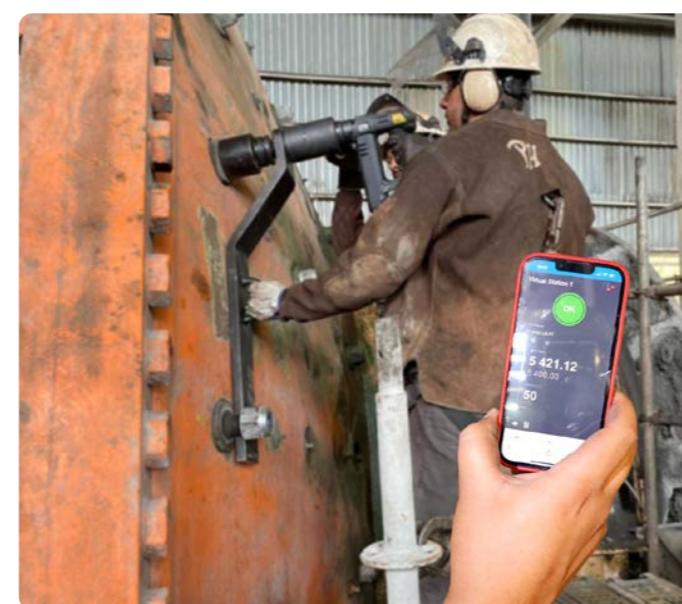
Even a single hour of downtime for dynamic equipment at a mining processing plant can result in significant costs. For example, SAG mill relining operations can be completed much faster, reducing expensive delays.

Atlas Copco is renowned for its high-performance electric tools, and the **Tensor REVO** is no exception. As the most productive high-torque bolting tool on the market, it delivers tightening speeds up to three times faster than competitors, significantly reducing operation time.

Pair the **Tensor REVO** with the **Power Focus XC** controller to create the ultimate electric nutrunner system. Designed for simplicity, the system allows you to scan with your phone and access all data instantly — no internet required. You can log on to the controller with any Wi-Fi-enabled device to view tightening results, configure tightening programs (P-sets), and adjust key settings such as tightening strategy, speed, and target torque. Additionally, you can instantly share the data with anyone, anywhere, directly from your device.

When combined with any **Tensor REVO** tool, the **Power Focus XC** provides the ultimate Smart Electric Nutrunner system, streamlining efficiency and connectivity like never before.

**Schedule a live demo** with us during your next SAG, AG and Ball mill relining process



## Time Spent on Relining process comparison

SAG MILL, 816 BOLTS, 4200 ft lb (5694 Nm)			
	Impact wrench + Electric Competitor	Impact wrench + Pneumatic Competitor	Impact wrench + Electric TENSOR REVO 8000
RPM	830 + 4 RPM	830 + 5.3 RPM	3800 + 10 RPM
Tightening time per bolt	66 Sec	53 Sec	23 Sec
Total Time	14 Hrs, 58 Min	12 Hrs, 1 Min	5 Hrs, 13 Min

The impact wrench handles the initial rundown, while the Tensor REVO ensures precise final torque tightening



## Tensor Revo HA

High productivity nutrunner with full traceability

Model	Square Drive	Torque range		Speed rpm	Weight		Length mm	Spline	Ordering No.
		Nm	ft lb		kg	lb			
ETP ST101-1300-20-F-HA	3/4"	390-1300	287-958	65	6.4	142.7	348	W40	8433 2313 03
ETP ST101-2400-25-F-HA	1"	720-2400	530-1770	31	7.5	167.23	400	W47	8433 2326 03
ETP ST101-3400-25-F-HA	1"	1020-3400	752-2505	23	9.1	202.91	412	W60	8433 2334 03
ETP ST101-4000-25-F-HA-2	1"	1200-4000	885-2950	20	9.1	202.91	412	W60	8433 2340 03
ETP ST101-5500-38-F-HA	1 1/2"	1650-5500	1216-4055	17	13.2	294.33	452	W72	8433 2325 03
ETP ST101-6500-38-F-HA	1 1/2"	1950-6500	1438-4795	12	13.2	294.33	452	W72	8433 2327 03
ETP ST101-8000-38-F-HA	1 1/2"	2400-8000	1770-5900	10	13.2	294.33	452	W72	8433 2328 03

## Accessories

Model	Order nr.
Long reaction bar, 863mm, spline W72	4210 4480 77
Tool cable for Tensor REVO HA, 10m	4220 4375 10
Adjustable operator handle with additional trigger	4220 4522 82



## Power Focus XC

A powerful drive to operate high torque power tools in tough applications

Model	Length	Weight	Order nr.
Power Focus Drive Unit with License	440 mm	11.2 kg (24.69 lb)	4210 4480 77

# Semi-autogenous grinding (SAG) mills maintenance

Discover how Atlas Copco solutions can enhance your SAG mill maintenance with our interactive leaflet.



<https://ebooks.atlascopco.com/story/sag-mills>

## Solutions for mining equipment maintenance

We offer assembly, bolting, and material removal tools to fit your needs. **Contact us today** to learn more.



<https://www.atlascopco.com/en-au/itba/industry-solutions/mining-maintenance>