

Atlas Copco



Power Focus 6000 LV

Part of Power Focus 6000 family - Common tightening platform, making Smart Connected Assembly a reality.

Power Focus 6000 LV

Power Focus 6000 LV is designed to make everyday production easier and more efficient. Supporting low torque cable tools handheld and fixture types. Being the hub of a common tightening platform securing every type of joint! The Power Focus 6000 LV also increases your flexibility in re-balancing assembly lines by being the hub of the Virtual Stations that allows to connect up to 6 tools to the same controller. This flexible low voltage controller manages up to six virtual stations – each of them managing different levels of functionality being a scalable and customized solution with specific functions added individually or on a controller level.

Enjoy the same benefits of the Power Focus 6000 ecosystem providing a unique operator experience, with superior quality control and the most flexible integration.



Tensor SL

Tensor SL transducerized screwdrivers are available in straight, right angle and pistol grip versions, with a straight model for fixtured applications that is very light and compact. All the tools offer high power-to-weight ratios, good ergonomic designs and clear wwooperator feedback via LED's lights.

Tensor SL: Safety-critical low torque tools for small screw applications. It offers compact screwdriver ergonomics with traceability and error proofing capability.



IAM – Intelligent Application Module

Intelligent Application Module is like holding a key to Smart Connected Assembly. It unlocks all the benefits of software, tightening data and configurations. With IAM you have access to smart software management enabling you to benefit from easy and stable upgrades, with a rapid back-up function. Allowing a much safer upgrade process, always giving the possibility to switch between two software versions.



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Stockholm - Sweden
Made in Sweden 2011
www.atlascopco.com

Type
POWER FOCUS LV

Art.No.
8436 1800 11

Ser.No. HW rev.
A3760044 11

3300001564
100-120/200-240 VAC~

Tool Control:

Making sure your tool is performing correct tightenings for your assembly.

- Program selection
- VIN handling
- Batch sequence control

Communication Control:

Communicating for easy and seamless integration with your production systems.

- Open Protocol
- Fieldbus
- Customer Protocols

Accessory Control:

Taking care of multiple accessories per virtual station.

- Stacklight
- Socket selector
- Digital I/O



Virtual Station



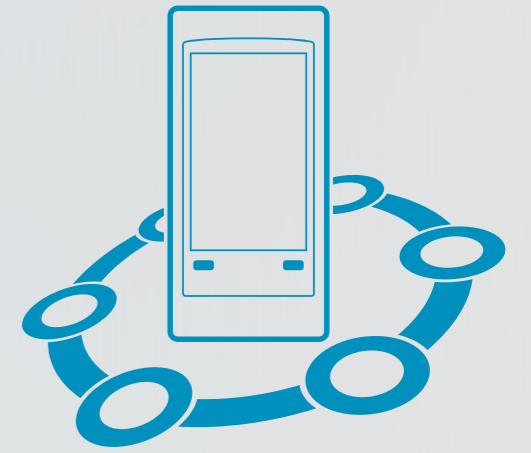
The Virtual Station is the center of the Power Focus 6000 tightening platform, it controls the tool, communication and accessories in your assembly station.



The Virtual Station is the enabler of your assembly. Gain total tool control with virtual stations making sure your tool is performing correct tightenings for your process.



You will gain increased flexibility with increased re-balancing speed in your production. Giving you a simpler installation with less cables, hardware components and network drops. On top of that it has lower power consumption, less floor space utilization and a much lower environmental footprint.





Technical data

| Model | Torque range | | Speed r/min | Weight | | Length mm | CS distance ^a mm | Stroke mm | Ordering No. |
|---|--------------|--------|----------------|--------|-----|--------------|--------------------------------|--------------|--------------|
| | Nm | in lb | | kg | lb | | | | |
| Straight tools, push-to-start and front lights | | | | | | | | | |
| ETD SL21-01-I06-PS | 0.3-1.2 | 2.7-10 | 2950 | 0.7 | 1.6 | 246 | 18/19.5 | — | 8433 2102 92 |
| ETD SL21-04-I06-PS | 0.8-4 | 7-35 | 1600 | 0.7 | 1.6 | 246 | 18/19.5 | — | 8433 2104 91 |
| ETD SL21-07-I06-PS | 1.5-7.5 | 13-66 | 970 | 0.7 | 1.6 | 246 | 18/19.5 | — | 8433 2107 69 |
| ETD SL21-10-I06-PS | 2.0-10 | 18-89 | 720 | 0.7 | 1.6 | 246 | 18/19.5 | — | 8433 2108 25 |
| Right angle tools, lever start | | | | | | | | | |
| ETV SL21-04-I06 | 0.8-4 | 7-35 | 1600 | 0.75 | 1.7 | 279 | 9 | — | 8433 2004 47 |
| ETV SL21-04-I06-QC | 0.8-4 | 8-35 | 1600 | 0.75 | 1.7 | 279 | 9 | — | 8433 2004 73 |
| ETV SL21-04-06 | 0.8-4 | 9-35 | 1600 | 0.75 | 1.7 | 279 | 9 | — | 8433 2004 91 |
| ETV SL21-07-I06 | 1.5-7.5 | 13-66 | 970 | 0.75 | 1.7 | 279 | 9 | — | 8433 2007 66 |
| ETV SL21-07-I06-QC | 1.5-7.5 | 14-66 | 970 | 0.75 | 1.7 | 279 | 9 | — | 8433 2007 79 |
| ETV SL21-07-06 | 1.5-7.5 | 15-66 | 970 | 0.75 | 1.7 | 279 | 9 | — | 8433 2007 94 |
| ETV SL21-12-I06 | 2.5-12 | 22-106 | 610 | 0.8 | 1.8 | 282 | 11 | — | 8433 2008 34 |
| ETV SL21-12-I06-QC | 2.5-12 | 23-106 | 610 | 0.8 | 1.8 | 282 | 11 | — | 8433 2008 61 |
| ETV SL21-12-06 | 2.5-12 | 24-106 | 610 | 0.8 | 1.8 | 282 | 11 | — | 8433 2008 77 |
| ETV SL21-20-10 | 4-20 | 36-180 | 465 | 0.95 | 2.1 | 285 | 14 | — | 8433 2009 55 |
| ETV SL21-20-B10 | 4-20 | 36-180 | 465 | 0.95 | 2.1 | 285 | 14 | — | 8433 2009 60 |
| Pistol grip, push-to-start | | | | | | | | | |
| ETP SL21-01-I06-PS | 0.3-1.2 | 2.7-10 | 3000 | 0.85 | 1.9 | 246 | 20.5 | — | 8433 2201 16 |
| ETP SL21-04-PS | 0.8-4 | 7-35 | 1600 | 0.85 | 1.9 | 246 | 20.5 | — | 8433 2204 66 |
| ETP SL21-07-PS | 1.5-7.5 | 13-66 | 970 | 0.85 | 1.9 | 246 | 20.5 | — | 8433 2207 53 |
| ETP SL21-10-PS | 2-10 | 18-89 | 720 | 0.85 | 1.9 | 246 | 20.5 | — | 8433 2208 28 |
| Fixtured tools, lever start or remote start | | | | | | | | | |
| ETF SL21-01-I06-T25 | 0.3-1.2 | 2.7-10 | 3000 | 0.95 | 2.1 | 322 | 18 | 25 | 8433 2404 13 |
| ETF SL21-04-I06-T25 | 0.8-4 | 7-35 | 1600 | 0.95 | 2.1 | 322 | 18 | 25 | 8433 2404 19 |
| ETF SL21-07-I06-T25 | 1.5-7.5 | 13-66 | 970 | 0.95 | 2.1 | 322 | 18 | 25 | 8433 2407 26 |
| ETF SL21-10-I06-T25 | 2-10 | 18-89 | 720 | 0.95 | 2.1 | 322 | 18 | 25 | 8433 2408 13 |

^a For ETV, CS distance over angle head.

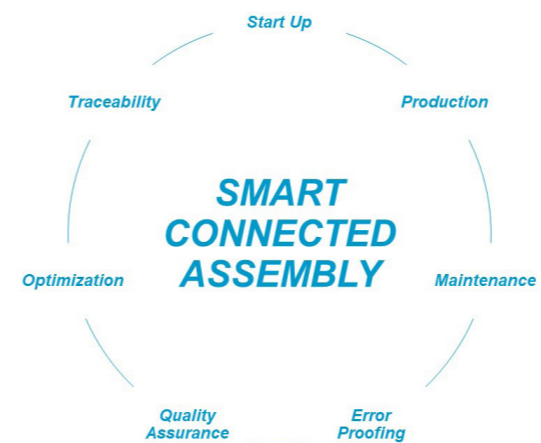
Controller hardware

| Model | Ordering No. |
|--|--------------|
| Drive unit | |
| Power Focus 6000 LV | 8436 1800 11 |
| IAMs | |
| Critical control | 8436 0910 10 |
| Process control | 8436 0910 40 |
| Software Features Electronic Delivery | |
| Virtual Station, 1 pcs | 8436 1900 01 |
| TurboTight*, 1 pcs | 8436 1910 02 |
| SoftPLC, 1 pcs | 8436 1910 04 |
| Yield, 1 pcs | 8436 1910 06 |
| Gradient, 1 pcs | 8436 1910 07 |
| Software Features Physical Goods Delivery | |
| Virtual Station, 1 pcs | 8436 1900 11 |
| TurboTight*, 1 pcs | 8436 1910 21 |
| SoftPLC, 1 pcs | 8436 1910 41 |
| Yield, 1 pcs | 8436 1910 61 |
| Gradient, 1 pcs | 8436 1910 71 |
| Fieldbus modules | |
| DeviceNet | 8436 0940 10 |
| Ethernet/IP 2 port | 8436 0940 15 |
| ProfiNet I/O 2 port | 8436 0940 20 |
| ProfiBus | 8436 0940 05 |
| Controller accessories | |
| FMS Portable | 8436 1910 99 |

*TurboTight supported for additional SRB tools

Cables Tensor SL

| Model | Ordering No. |
|---|--------------|
| Tool cable | |
| 3 m | 4220 3319 03 |
| 5 m | 4220 3319 05 |
| 10 m | 4220 3319 10 |
| 15 m | 4220 3319 15 |
| Heavy duty cable | |
| 3 m | 4220 3378 03 |
| 5 m | 4220 3378 05 |
| 10 m | 4220 3378 10 |
| 15 m | 4220 3378 15 |
| Cables with 90 degrees connector | |
| 3 m | 4220 3607 03 |
| 5 m | 4220 3607 05 |
| 10 m | 4220 3607 10 |
| Spiral cable straight | |
| 5 m | 4220 3746 05 |
| Spiral cable with 90 degrees connector | |
| 5 m | 4220 3617 05 |
| Extension cable | |
| 3 m | 4220 2795 03 |
| 5 m | 4220 2795 05 |
| 10 m | 4220 2795 10 |





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