

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.



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.



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 operator 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.



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-I06	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-I06	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-I06	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.

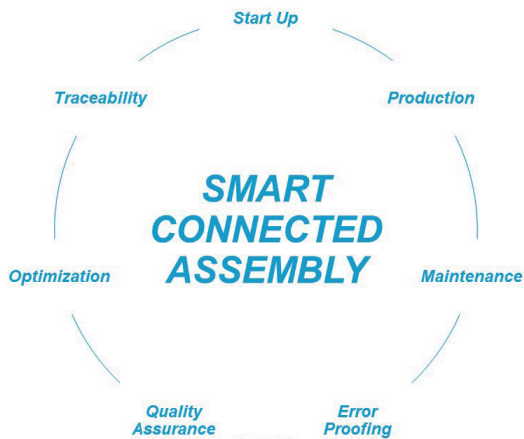
Controller hardware

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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