

POWER FOCUS 6000

This all new fastening solution from Atlas Copco takes productivity, ergonomics, quality and environmental impact to entirely new levels. And all this with the most user-friendly experience ever.

Enjoy the benefits of a system providing a unique operator experience, with superior quality control and the most flexible integration. The Power Focus 6000 and Tensor STR is the perfect option for your safety critical assembly processes!

MULTITOOL CONTROLLER

The Power Focus 6000 increases your flexibility in rebalancing assembly lines. Now you are able to connect up to 6 tools to the same controller. Giving you a simpler installation with less cables, hardware components and network drops. Add to that the lower power consumption, less floor space utilization and a much lower environmental footprint, the benefits are obvious.

COMMON CONTROLLER

One platform for handheld and fixtured tools. The Power Focus 6000 reduces your inventory costs and training requirements.

Easy to connect and configure back up tools, using the same programming interface. More compatible solutions will continuously be deployed. And the Power Focus 6000 will be your common controller for all tools and needs.

IAM – INTELLIGENT APPLICATION MODULE

Intelligence in the palm of your hand. Software, tightening data and configuration – carry all important information with you in a future proof portable module. Easy to upgrade and stable with a rapid back-up function. Two software areas allow for smart software management. Allowing a much safer upgrade process, always giving the possibility to switch between two software versions.



Power Focus 6000

Model	Ordering No.
Drive unit Power Focus 6000	8436 1800 02

Functionality Overview Controllers - DS/DL, Power Focus 4000

General Functionality Level / RBU Runs Tool Types	DS / DL			Power Focus 4000				
	Box DS	Basic DS / DL	Advanced DS / DL	DS DS	Bronze ST/SR/STR	Silver ST/SR/STR	Gold ST/SR/STR	X ETX
Tensor controllers								
Compact hardware	x	x	x	x	x	x	x	x
LED display		x	x	x	x	x	x	x
6 button keyboard		x	x	x	x	x	x	x
Graph hardware						x	x	x
LCD display						x	x	x
Full keyboard						x	x	x
Functionality								
Number of tools	1	1	1	1	1	1	1	1
Number of Psets	1	1	10	64	64	250	250	250
Batch count	x	x	x	x	x	x	x	x
Open end spanner	x	DS only	DS only	x	x	x	x	x
Quick programming	x	x	x	x	x	x	x	x
Cross thread / Rehit detection	x	x	x	x	x	x	x	x
Tool service indicator	x	x	x	x	x	x	x	x
Autoset	x	x	x	x	x	x	x	x
Lock on reject	x	x	x	x	x	x	x	x
Line control			x	x		x	x	x
Transducer torque traceability					x	x	x	x
Tightening status storage (default)				5 000	5 000	5 000	5 000	5 000
Tightening data storage (default)					5 000	5 000	5 000	5 000
MultiStages				8		8	8	8
Trace storage					8	8	8	8
Real time statistics					x	x	x	x
SPC					x	x	x	x
RBU				x	x	x	x	x
Bar code reading				x		x	x	x
ID input to select Pset				x		x	x	x
Job function				x		x	x	x
Number of jobs (default)				32		99	99	99
ID input to select job				x		x	x	x
Logic Configurator (4000 only)				x		x	x	x
Cell programming				x		x	x	x
Label printer (via Open protocol)				x		x	x	x
Cell Job							x	x
Strategies and options								
Two stage/Quick step/Ergoramp	x	x	x	x	x	x	x	x
Torque control and angle monitoring	x	x	x	x	x	x	x	x
DS control	x	x	x	x		x	x	x
Auto zoom step	x	x	x	x	x	x	x	x
CW / CCW operation	x	x	x	x	x	x	x	x
Rundown angle monitoring	x	x	x	x	x	x	x	x
Self tap / PVT monitoring	x	x	x	x	x	x	x	x
Reverse angle	x	x	x	x	x	x	x	x
Rotate spindle	x	x	x	x	x	x	x	x
Click wrench input					x	x	x	x
Torque and angle control					x	x	x	x
Angle control and torque monitoring					x	x	x	x
Current monitoring					x	x	x	x
Post view torque						x	x	x
Yield control (PF 4000 and ETX combination only)							x	x
StepSync, SynchroTork (PF 4000 only)							x	x
Home position							x	x
Snug gradient							x	x
I/O								
RS232 programming port	x	x	x	x	x	x	x	x
USB port (PF 4000 only)				x	x	x	x	x
Discrete I/O	x	x	x	x	x	x	x	x
Remote start	x	x	x	x	x	x	x	x
Socket selector (optional)			x	x	x	x	x	x
RE Alarm (optional)			x	x	x	x	x	x
Parallel printer port				x	x	x	x	x
I/O Expander (optional)				x	x	x	x	x
Expandable I/O (up to 124 in / 124 out)				x	x	x	x	x
Operator ID card input				x		x	x	x
Fieldbus card				Optional		Optional	Optional	Optional
RS232 bar code reader port				x		x	x	x
Easily programmed fieldbus protocol				x		x	x	x
Ethernet port for remote prog				x		x	x	x
Ethernet port for data collection				OK-NOK		x	x	x
Protocols								
Open protocol serial				x	x	x	x	x
Open protocol Siemens 3964R serial				x	x	x	x	x
Open protocol Ethernet				x		x	x	x