

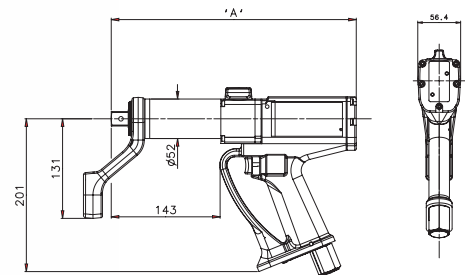
Pneutorque® 52mm Series Stall Models

The PT52 is engineered to be one of the lightest and fastest tools of its type on the market. The exceptionally compact 52mm diameter gearbox means that the tool is well balanced, light weight and provides excellent access to bolts.

“Internal Regulator” versions of the PT52 Series are fitted with a regulator in the air inlet tube. Customers with suitable calibration equipment can set the torque output by adjusting the air regulator. The tool can then be run direct from the air supply without an external regulator.

These tools are supplied with an air pressure graph which will apply only when the regulator is in the fully open position.

- Fast – 1000 N.m version has a free speed of 125 rpm for rapid bolt run-down.
- Light weight – single direction stall tool weighs just 3.8 kg.
- Quiet – less than 85 dB(A) when under load.
- Non impacting – low vibration levels make these tools comfortable and safe to use.
- Square drive is quickly and easily replaceable.
- ‘Soft Start’ trigger control aids socket location and allows gradual and safe reaction location.
- For safety, gearbox can rotate independently from the handle so that reaction forces are not transmitted back to the operator.
- 1” square drive available, Part Code 18545.



600 and 1000 N.m Tools - Stall

Direction of Operation	Torque Control	Square Drive	Part Code	Range		Free Speed †	Length 'A'	Tool Weight	Reaction Weight
				N.m	lbf.ft				
Forward only	Stall	3/4"	18039F06	120-600	88-442	200	280	3.8	0.85
Bi-directional	Stall	3/4"	18039B06	120-600	88-442	200	320	4.0	0.85
Forward only	Stall with internal regulator	3/4"	18041F06	120-600	88-442	200	280	3.8	0.85
Bi-directional	Stall with internal regulator	3/4"	18041B06	120-600	88-442	200	320	4.0	0.85
Forward only	Stall	3/4"	18040F06	200-1000	147-738	125	280	3.8	0.85
Bi-directional	Stall	3/4"	18040B06	200-1000	147-738	125	320	4.0	0.85
Forward only	Stall with internal regulator	3/4"	18042F06	200-1000	147-738	125	280	3.8	0.85
Bi-directional	Stall with internal regulator	3/4"	18042B06	200-1000	147-738	125	320	4.0	0.85

† Speed at maximum air pressure.

Pneutorque® 52mm Series Torque Monitor and Shut-Off Models

The integration of electronic torque measurement and control into the PT52 Series is achieved with the minimum impact on overall tool size and weight.

Torque Monitor – these stall tools are fitted with a torque transducer, torque display and limit detection. As the tool is operated, the applied torque is displayed on the tool handle. It is possible to set low and high limits so that when the tool stalls, either an orange, green or red light is illuminated on the display panel.

Shut-Off – these are similar to the Torque Monitor tools but with the addition of an in-built solenoid valve to shut off the air supply to the motors once the low limit has been achieved. Because the tool is not relying on a set air pressure to achieve stall at a specific torque, air pressure can generally be kept higher than with stall tools and this results in greater speed. This is the ultimate PT52 and will appeal to production line customers seeking a self contained shut-off solution with no need for complicated and expensive external controllers.



600 and 1000 N.m Tools with Torque Monitor or Shut-off

Direction of Operation	Torque Control	Square Drive	Part Code	Range		Free Speed †	Length 'A'	Tool Weight	Reaction Weight
				N.m	lbf.ft				
Forward only	Stall with torque monitor	3/4	18043F06	120-600	88-442	200	345	4.0	0.85
Bi-directional	Stall with torque monitor	3/4	18043B06	120-600	88-442	200	385	4.2	0.85
Forward only	Shut-Off	3/4	18045F06	120-600	88-442	200	345	4.0	0.85
Bi-directional	Shut-Off	3/4	18045B06	120-600	88-442	200	385	4.2	0.85
Forward only	Stall with torque monitor	3/4	18044F06	200-1000	147-738	125	345	4.0	0.85
Bi-directional	Stall with torque monitor	3/4	18044B06	200-1000	147-738	125	385	4.2	0.85
Forward only	Shut-Off	3/4	18046F06	200-1000	147-738	125	345	4.0	0.85
Bi-directional	Shut-Off	3/4	18046B06	200-1000	147-738	125	385	4.2	0.85

† Speed at maximum air pressure.