



WELCOMES NORBAR

TORQUE

MULTIPLIERS



PneuTorque® POWERED TORQUE MULTIPLIERS

Norbar is the world's foremost specialist in torque control and we are engaged solely in the design, development and production of torque tightening equipment.

Our customers include manufacturers and engineering services in such diverse sectors as aerospace, energy, oil and gas, mining and sub-sea.



PNEUTORQUE® PTS SERIES

Simple and Compact Available in All Four Series—52, 72, 92 and 119

The PTS is a single air motor married to Norbar's respected gearbox range, sharing common torque reaction accessories with PTM tools.

- Models 500 - 6000 N-m with pistol grip handle
- Designed to offer excellent power-to-weight ratio
- Easily accessible switch for forward and reverse operation
- ±5% repeatability of torque from 20% to 100% of range
- Quiet operation-The sound pressure level is 77 dBA [the PTS 4000N-m is 79 dBA]
- Directional exhaust barrel directs exhaust away from operator
- Replaceable square drive saves gearbox
- Fast operation for rapid bolt rundown
- Non impacting- low vibration levels for comfortable and safe use. The vibration is less than 2.5m/s²
- Steel reactions supplied as standard



Using twin motor technology, the PTM series of PneuTorques is engineered to be amongst the lightest and fastest on the market. For example, the 500 N.m version has a gearbox diameter of just 52mm, allowing excellent bolt access, and has a maximum free running speed of 224 rpm. Torque control is normally achieved by adjustment of air pressure. An air pressure versus torque graph and calibration certificate is supplied with each tool. The PTM series is quiet too, performing at less than 85 dBA!

PTM-52, PTM-72 and PTME-72 also offer the option of electronic torque control and incorporate a torque transducer on the output of the tool. Internal Control (IC) tools have a torque display, user interface and a solenoid valve to shut-off the air supply at a pre-determined torque.



PNEUTORQUE® PTM SERIES

Fast Rundown Via Dual Motors
Quiet - Less Than 85dBA
All Models Include Hanger
Non-IC Tools Include Hard-Plastic Carrying Case

Numerous Options Available:

BI-DIRECTIONAL

- Feature a Reversible Gear Box

FORWARD ONLY

- Lower Weight and Shorter Overall Length
- For Production Operations That Do Not Desire Disassembly Functionality

INTERNAL CONTROL



- ± 2% Accuracy
- Feature a Digital Display on Tool Top
- Automatically Shuts Off at User Set Conditions
- Fastest of the PTM Series Tools

PTM-52 SERIES

- Exceptionally compact 52mm gearboxes
- Fast operation for rapid bolt run-down - 500 N.m version has a free speed of 224 rpm



PTM-72 SERIES

- Exceptionally compact 72mm gearboxes
- Fast operation for rapid bolt run-down - 1000 N.m version has a free speed of 122 rpm



PNEUTORQUE® PTME SERIES

EXTENDED NOSE

Available Only in 72-Series Bi-Directional, Forward Only and Internal Control Models

Designed to meet the needs of the commercial vehicle market, the integrated reaction foot of the PTME-72 series of tools reaches recessed wheel bolts while the 72mm diameter gearbox handles the high frequency of use demanded by busy tire shops. IC tools have an accuracy of ±2%.



PTM-92 and PTM-119 SERIES

The PTM-92 and PTM-119 tools bring the speed advantage of the twin motor handle to higher capacity PneuTorque® models. These models deliver an ideal balance between robustness, speed and weight.

- Fast- 2700 N-m version has a free speed of 46 rpm for rapid bolt run-down time
- Light weight - PTM-92-2700 weighs just 18.7lb and fitted with a light robust aluminum reaction plate as standard. Other reaction plates are available for maximum versatility
- Quiet- less than 85 dBA when under load



PTM SERIES					ORDER BY SKU NUMBER BELOW				
BASE MODEL	DRIVE SIZE	TORQUE (Nm)	TORQUE (ft-lb)	FREE SPEED (rpm)	BI-DIRECTIONAL	FORWARD ONLY	INTERNAL CONTROL	LENGTH (in)	WEIGHT (lb)
PTM-52-500	3/4"	100-500	74-370	224	18100.B06			13.1	9.0
					18100.F06			11.2	8.4
					18110.B06			15.6	10.8
PTM-52-800	3/4"	160-800	118-590	148	18101.B06			13.1	9.0
					18101.F06			11.2	8.4
					18111.B06			15.6	10.8
PTM-72-1000	3/4"	200-1000	147-738	122	18102.B06			14.4	13.4
					18102.F06			12.4	12.8
					18112.B06			16.6	16.3
PTM-72-1350	1"	270-1350	200-1000	86	18103.B08			14.4	13.4
					18103.F08			12.4	12.8
					18113.B08			16.6	16.3
PTM-72-2000	1"	400-2000	295-1475	58	18104.B08			15.7	14.3
					18104.F08			13.7	13.7
					18114.B08			17.8	17.2
PTM-92-2700	1"	540-2700	400-2000	46	18106.B08			16.7	18.7
PTM-92-4000	1"	800-4000	590-2950	32	18119.B08			16.7	18.7
PTM-119-4500	1-1/2"	900-4500	660-3300	23	18108.B12			18.0	27.6
PTM-119-6000	1-1/2"	1200-6000	885-4500	15.5	18109.B12			18.0	27.6
					18109.F12			16.0	26.9
PTME (EXTENDED NOSE) SERIES					ORDER BY SKU NUMBER BELOW				
BASE MODEL	DRIVE SIZE	TORQUE (Nm)	TORQUE (ft-lb)	FREE SPEED (rpm)	BI-DIRECTIONAL	FORWARD ONLY	INTERNAL CONTROL	LENGTH (in)	WEIGHT (lb)
PTME-72-1000	3/4"	200-1000	147-738	122	18140.B06 ¹			16.9	15.9
					18140.F06			14.9	15.2
					18142.B06			19.1	18.7
PTME-72-2000	1"	400-2000	295-1475	58	18141.B08			19.2	17.0
					18143.B08			21.4	19.8
NOTE 1: 18140.B06 is available with 1" square drive with SKU 18149.B08									
PTS SERIES					ORDER BY SKU NUMBER BELOW				
BASE MODEL	DRIVE SIZE	TORQUE (Nm)	TORQUE (ft-lb)	FREE SPEED (rpm)	BI-DIRECTIONAL	FORWARD ONLY	INTERNAL CONTROL	LENGTH (in)	WEIGHT (lb)
PTS-52-500	3/4"	100-500	74-370	35.5	180241.B06			11.3	9.3
PTS-52-800	3/4"	160-800	118-590	25.7	180242.B06			11.3	9.3
PTS-72-1000	3/4"	200-1000	147-738	20.4	180243.B06			12.5	13.8
PTS-72-1350	1"	270-1350	200-1000	14.7	180244.B08			12.5	13.8
PTS-72-2000	1"	400-2000	295-1475	9.2	180245.B08			13.9	14.6
PTS-92-4000	1"	800-4000	590-2950	5.3	180247.B08 ²			14.8	19.7
PTS-119-6000	1-1/2"	1200-1600	885-4425	2.6	180248.B12			16.0	27.6
NOTE 2: 180247.B08 is available with 1-1/2" square drive with SKU 180247.B12									

ACCESSORIES

OPTIONAL REACTION PLATES

A variety of reaction plates and adaptors, together with ancillary feet, blades and heads to aid their use are available for the PneuTorques®, EvoTorque® and HandTorque®. Custom reaction arms are available.



**STRAIGHT
STEEL**



**STRAIGHT
ALUMINUM**



OFFSET FOOT



**SLIDING
SLAVE**



PLATE/PIN



**TUBE/PEG
YOKE**



WELD RING

TOOL SERIES	STRAIGHT STEEL		STRAIGHT ALUMINUM		OFFSET FOOT			SLIDING SLAVE		PLATE/PIN			DOUBLE SIDED FLAT		TUBE/PEG YOKE			WELD RING
	SKU	LENGTH	SKU	LENGTH	SKU	LENGTH	OFFSET	SKU	SLAVE	SKU	LENGTH	PIN	SKU	LENGTH	SKU	LENGTH	PIN	SKU
52	18576	9.84	W1394	15.50	18646	5.16	2.52	W1311	2.5-5.0	W1531	6.00	4.00	18590	9.84	18558	11.73	3.55	52WR
	W1193	15.50	W1394.S	10.00	W1296.52	5.26	3.38	W1645	3.0-7.0									
	W1193.S	10.00																
72	18292	6.97	W1366	15.50	18494	6.52	3.15	W1426	4.0-8.0	W1127.3	10.00	6.00	18293	7.87	18290 + 18298	12.40	3.42	72WR
	W1184	15.50	W1366.S	10.00	W1296.72	6.50	3.25											
	W1184.S	10.00			19289	6.58	3.31											
92	18979	7.87	W1489	15.50	18936	8.07	3.88	W1697	4.0-8.0	W1582	8.00	6.00	18980	9.45				92WR
	W1192	15.50			19291	6.87	3.15											
					W1296.92	7.50	4.25											
					78028	5.71	3.55											
119	16687	11.81	W1402	11.80	18961	7.82	5.00			W1639.008	8.00	6.50	18981	11.81				119WR
					19293	8.28	3.94											
					16673	6.85	5.00											
					W1286.119	8.51	4.81											
				78027	9.85	3.94												

Note - All Chart Dimensions are in Inches



PRESSURE CONTROL UNIT

- Convenient means to set air pressure near the tool for accurate torque application
- Includes Filter - Regulator - Lubricator with 4" pressure gauge
- 10 ft of high-quality 1/2" air-hose also included

SKU: LCU2



DUAL TRIGGER MODULE

- Secondary trigger attached between the air inlet port and hose.
- Requires the operator to use both hands to run the tool.

SKU: 19286



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