



PNEUTORQUE® PTS™ SERIES



The PTS™ is the result of an extensive design project to produce an efficient air motor in an accurate torque tool. The air motor is then married to Norbar's respected gearbox range, sharing common torque reaction accessories with PTM, EvoTorque® 2 and EBT.

- Pistol grip handle for operator comfort
- Designed to offer excellent power-to-weight ratio
- Easily accessible switch for forward and reverse operation
- $\pm 3\%$ repeatability of reading from 20% to 100% of range
- Air coupling designed for safety and rapid operation
- Quiet operation - The sound pressure level is 77 dB(A) [the PTS™ 4000 is 79 dB(A)]. Uncertainty $K = 3$ dB. The sound emission values were determined according to BS EN ISO 11148-6
- Directional exhaust barrel directs exhaust away from operator
- Replaceable square drive
- Fast operation for rapid bolt rundown. Up to 60% faster than the previous PT model
- Non-impacting - exceptionally low vibration levels (0.343 m/s^2), make these tools comfortable and safe for operator use
- Steel reactions supplied as standard. Bespoke reactions available upon request

When the tool is to be used for untightening bolts, Norbar recommends the selection of single speed versions. In the case of prevailing torque lock-nuts or partially tightening bolts, the Auto Two Speed version of the tools will generally give no advantage and single speed tools should be selected.

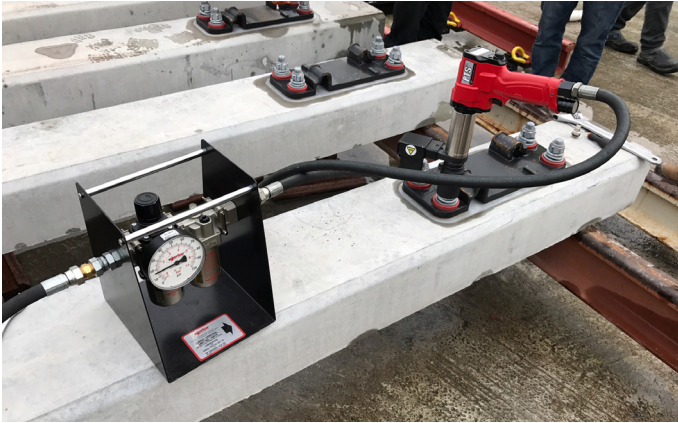
11	PTS SERIES - STALL TOOLS - BI-DIRECTIONAL - SINGLE SPEED
180241.B06	¾" sq. dr., 100 - 500 N·m, 74 - 370 lbf·ft
180242.B06	¾" sq. dr., 160 - 800 N·m, 118 - 590 lbf·ft
180243.B06	¾" sq. dr., 200 - 1,000 N·m, 147 - 738 lbf·ft
180244.B08	1" sq. dr., 270 - 1,350 N·m, 200 - 1,000 lbf·ft
180245.B08	1" sq. dr., 400 - 2,000 N·m, 295 - 1,475 lbf·ft
180246.B08	1" sq. dr., 540 - 2,700 N·m, 398 - 1,991 lbf·ft
180250.B08	1" sq. dr., 800 - 4,000 N·m, 590 - 2,950 lbf·ft
180249.B12	1½" sq. dr., 1,400 - 7,000 N·m, 1,030 - 5,200 lbf·ft

11	PTS SERIES - STALL TOOLS - BI-DIRECTIONAL - AUTO TWO SPEED
180781	¾" sq. dr., 200 - 1,000 N·m, 147 - 738 lbf·ft
180782	1" sq. dr., 270 - 1,350 N·m, 200 - 1,000 lbf·ft
180784	1" sq. dr., 540 - 2,700 N·m, 398 - 1,991 lbf·ft
180785	1" sq. dr., 800 - 4,000 N·m, 590 - 2,950 lbf·ft
180788	1½" sq. dr., 1,400 - 7,000 N·m, 1,030 - 5,200 lbf·ft

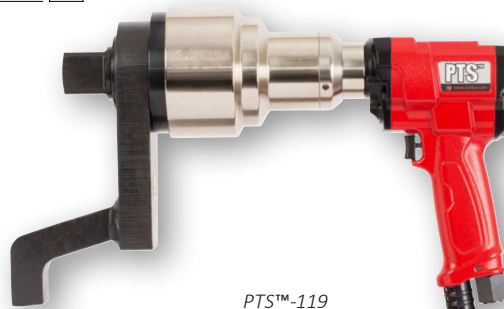
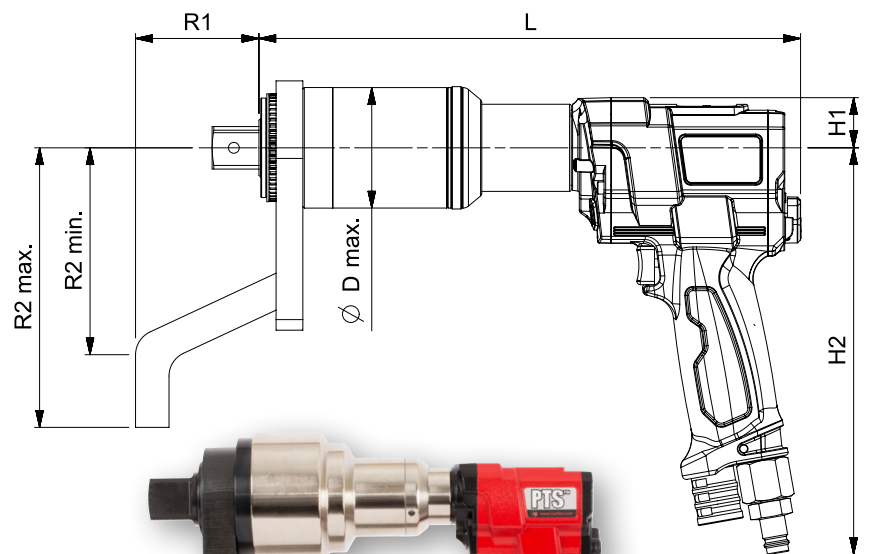




PNEUTORQUE® PTS™ SERIES



Model		PTS-52-500 PTS-52-800	PTS-72-1000 PTS-72-1350	PTS-72-1000 Auto Two Speed PTS-72-1350 Auto Two Speed	PTS-72-2000	PTS-80-2700	PTS-80-2700 Auto Two Speed	PTS-92-4000	PTS-92-4000 Auto Two Speed	PTS-119-7000	PTS-119-7000 Auto Two Speed
Part Number		180241.B06 180242.B06	180243.B06 180244.B08	180781 180782	180245.B08	180246.B08	180784	180250.B08	180785	180249.B12	180788
Output Speed (rpm)		35.5 (PTS-52-500) 25.7 (PTS-52-800)	20.4 (PTS-72-1000) 14.7 (PTS-72-1350)	100 (PTS-72-1000) 75 (PTS-72-1350)	9.2	7.3	30	5.3	22	2.6	13
Dimensions (mm)	ØD max.	52	72	72	72	80	80	92	92	119	119
	H1	30	30	30	30	30	30	30	30	30	30
	H2	243	243	243	243	243	243	243	243	243	243
	L	264	292	310	325	291	327	343	374	369	369
	R1	59	74	74	74	74	74	74	75	90	90
	R2 min.	71	124	124	124	124	124	125	125	162	162
	R2 max.	131	165	167	165	165	167	175	175	210	210
Tool Weight (kg)		4.2	6.2	6.28	6.6	6.2	7.45	8.59	8.89	12.5	12.80
Reaction Weight (kg)		0.9	1.4	1.4	1.4	1.4	1.4	2.5	2.5	3.8	4.0



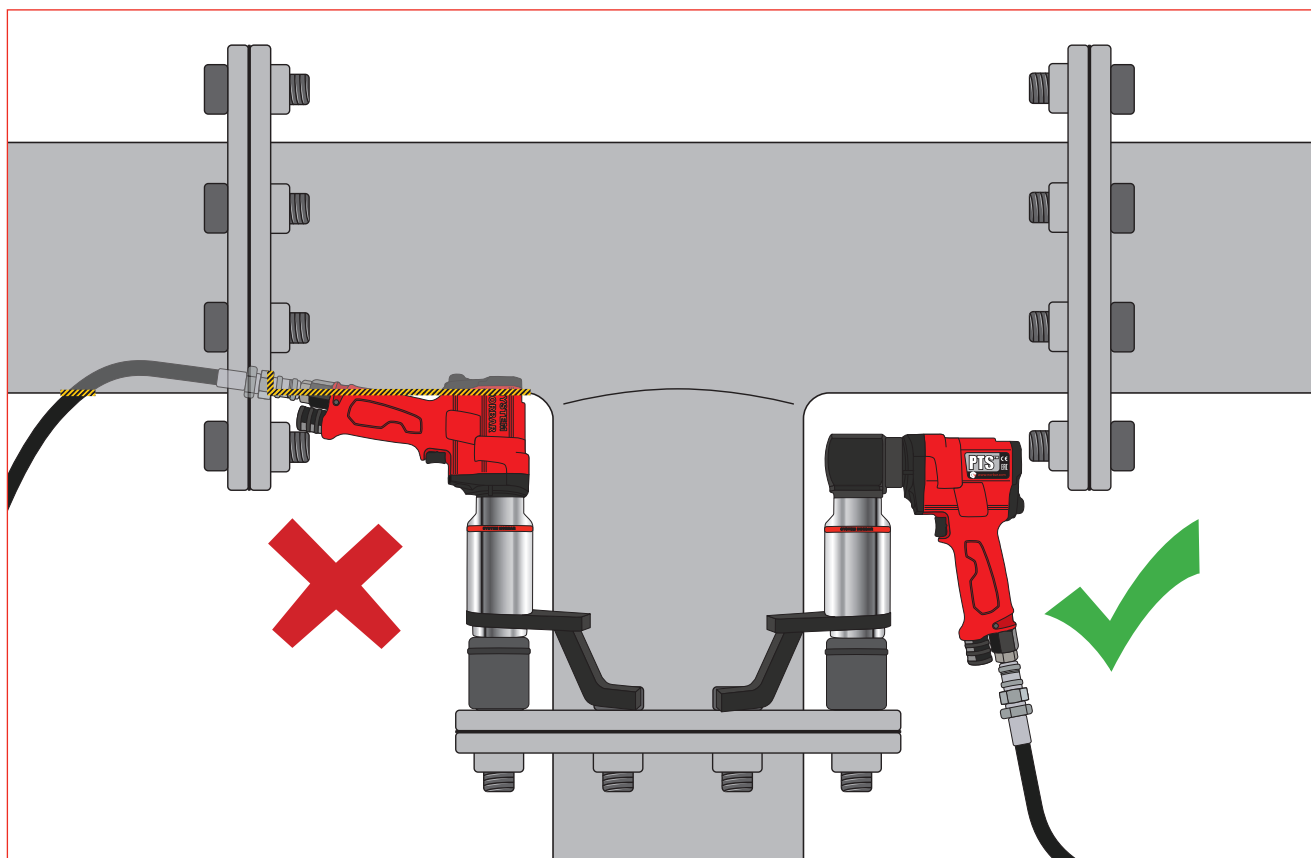


PNEUTORQUE® PTS™ RIGHT ANGLE GEARBOX

*Right Angle Gearbox fitted to PTS™*

11	PTS SERIES - STALL TOOLS - BI-DIRECTIONAL - SINGLE SPEED - RIGHT ANGLE GEARBOX
180241.B06.RA	3/4" sq. dr., 100 - 500 N·m, 74 - 370 lbf·ft
180242.B06.RA	3/4" sq. dr., 160 - 800 N·m, 118 - 590 lbf·ft
180243.B06.RA	3/4" sq. dr., 200 - 1,000 N·m, 147 - 738 lbf·ft
180244.B08.RA	1" sq. dr., 270 - 1,350 N·m, 200 - 1,000 lbf·ft
180245.B08.RA	1" sq. dr., 400 - 2,000 N·m, 295 - 1,475 lbf·ft
180246.B08.RA	1" sq. dr., 540 - 2,700 N·m, 398 - 1,991 lbf·ft
180250.B08.RA	1" sq. dr., 800 - 4,000 N·m, 590 - 2,950 lbf·ft
180249.B12.RA	1 1/2" sq. dr., 1,400 - 7,000 N·m, 1,030 - 5,200 lbf·ft

11	PTS SERIES - STALL TOOLS - BI-DIRECTIONAL - AUTO TWO SPEED - RIGHT ANGLE GEARBOX
180781.RA	3/4" sq. dr., 200 - 1,000 N·m, 147 - 738 lbf·ft
180782.RA	1" sq. dr., 270 - 1,350 N·m, 200 - 1,000 lbf·ft
180784.RA	1" sq. dr., 540 - 2,700 N·m, 398 - 1,991 lbf·ft
180785.RA	1" sq. dr., 800 - 4,000 N·m, 590 - 2,950 lbf·ft
180788.RA	1 1/2" sq. dr., 1,400 - 7,000 N·m, 1,030 - 5,200 lbf·ft





PNEUTORQUE® PTS™ REMOTE SERIES



Remote control versions have no direction control on the tool but rely on external pneumatic circuitry to provide this function. This opens up numerous application possibilities for the PneuTorque® ranging from simple stall shut-off in a hazardous working environment to sophisticated, multi-spindle torque and angle shut-off systems.

- Designed to offer excellent power-to-weight ratio
- $\pm 3\%$ repeatability of reading from 20% to 100% of range
- Replaceable square drive

NOTE: For full versatility, PTS™ Remotes are supplied without reaction see pages 79 - 84 for options or discuss bespoke engineered options with Norbar.

11	PTS REMOTE SERIES
180271.B06	¾" sq. dr., 100 - 500 N·m, 74 - 370 lbf·ft
180272.B06	¾" sq. dr., 160 - 800 N·m, 118 - 590 lbf·ft
180273.B06	¾" sq. dr., 200 - 1,000 N·m, 147 - 738 lbf·ft
180274.B08	1" sq. dr., 270 - 1,350 N·m, 200 - 1,000 lbf·ft
180275.B08	1" sq. dr., 400 - 2,000 N·m, 295 - 1,475 lbf·ft
180276.B08	1" sq. dr., 540 - 2,700 N·m, 398 - 1,991 lbf·ft
180295.B08	1" sq. dr., 800 - 4,000 N·m, 590 - 2,950 lbf·ft
180279.B12	1½" sq. dr., 1,400 - 7,000 N·m, 1,030 - 5,200 lbf·ft

11	PTS REMOTE SERIES - AUTO TWO SPEED
180789	¾" sq. dr., 200 - 1,000 N·m, 147 - 738 lbf·ft
180790	1" sq. dr., 270 - 1,350 N·m, 200 - 1,000 lbf·ft
180792	1" sq. dr., 540 - 2,700 N·m, 398 - 1,991 lbf·ft
180793	1" sq. dr., 800 - 4,000 N·m, 590 - 2,950 lbf·ft
180796	1½" sq. dr., 1,400 - 7,000 N·m, 1,030 - 5,200 lbf·ft

Model	PTS REMOTE 52-500	PTS REMOTE 52-800	PTS REMOTE 72-1000	PTS REMOTE 72-1350	PTS REMOTE 72-2000	PTS REMOTE 80-2700	PTS REMOTE 92-4000	PTS REMOTE 119-7000
Part Number	180271.B06	180272.B06	180273.B06	180274.B08	180275.B08	180276.B08	180295.B08	180279.B12
Output Speed (rpm)	27.8	20.1	16	11.5	7.2	5.7	4.1	2
Dimensions (mm)	ØD max.	52	52	72	72	72	80	92
	H1	29	29	29	29	29	29	29
	H2	78	78	78	78	78	78	78
	L	284	284	311	311	344	311	362
	W	70	70	70	70	70	70	70
Tool Weight (kg)	4.1	4.1	6.1	6.1	6.5	6.1	8.9	12.4

Model	PTS REMOTE 72-1000 Auto Two Speed	PTS REMOTE 72-1350 Auto Two Speed	PTS REMOTE 80-2700 Auto Two Speed	PTS REMOTE 92-4000 Auto Two Speed	PTS REMOTE 119-7000 Auto Two Speed
Part Number	180789	180790	180792	180793	180796
Output Speed (rpm)	78	56	22	20	10
Dimensions (mm)	ØD max.	72	72	80	92
	H1	29	29	29	29
	H2	78	78	78	78
	L	330	330	344	395
	W	70	70	70	70
Tool Weight (kg)	6.2	6.2	7.0	9.3	12.78

