

Desoutter



Industrial Tools

More Than Productivity



Pulse Tool Range

- Durable and proven design
- Low maintenance required
- Wide adjustable torque range
- Easy to use.



www.desouttertools.com

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More Than Productivity

Pulse Tool Range



More than just a new fastening experience

Quiet and vibration free, the Desoutter Pulse Tools gives a smooth rapid rundown shutting off at the precise preset torque with a high level of accuracy and repeatability.

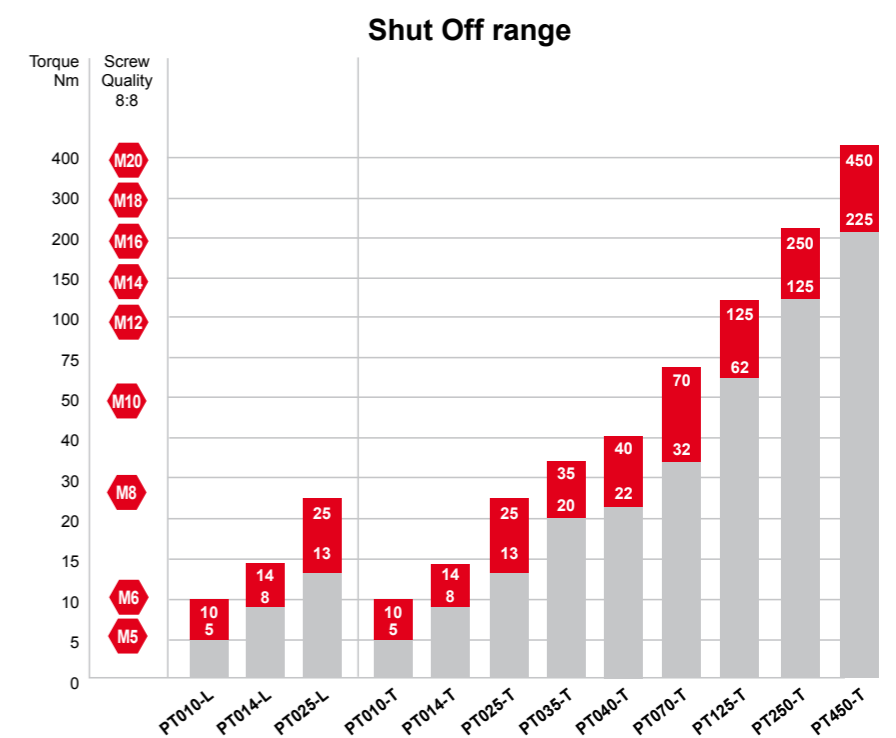
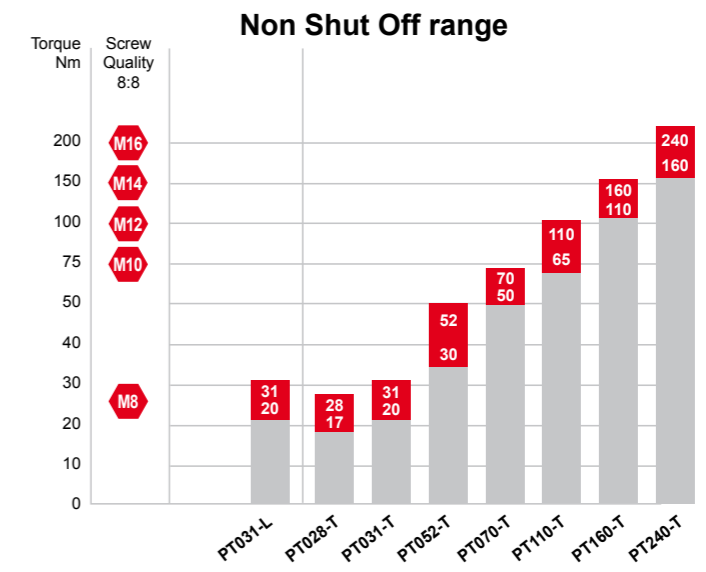
With this advanced ergonomic design, Desoutter Pulse Tools are extremely operator friendly. Light and well balanced with comfortable rubber grip combined with high power-to-weight ratios and low reaction forces, it makes Desoutter Pulse Tools a must to have for your assembly.

Why choose Desoutter Pulse Tools ?

- **High speed operation** Using a Desoutter Pulse Tool will speed up your process and increase productivity.
- **Less maintenance and longer service life with few moving parts.** With no springs to replace like the competition, means less maintenance costs and service time. Desoutter Pulse Tools increase Productivity.
- **We have the Ergo Touch!** With high power-to-weight ratios and low noise and vibration levels. Desoutter Pulse Tools are a operator friendly design. This will protect operators health and will raise productivity in your facility.

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Choose your tool

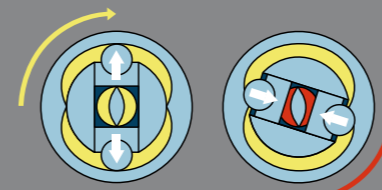


Shut Off or Non Shut Off

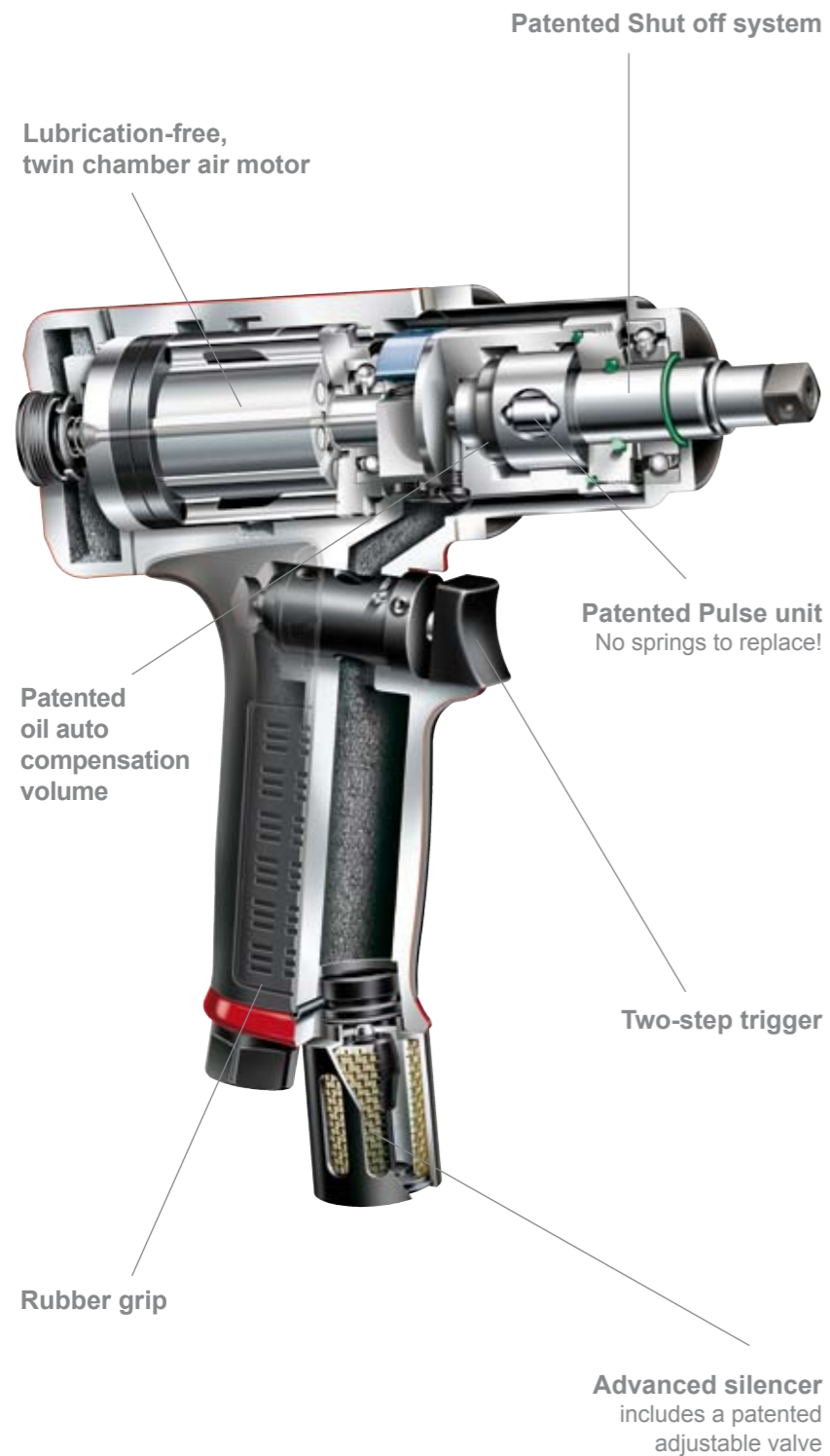
Shut Off pulse tools automatically provide the highest level of accuracy and repeatability, irrespective of operator skill. Non Shut Off versions are suitable for applications where it is an advantage for the operator to control the process.

Advanced Pulse Unit

Desoutter Pulse Tools use very few moving parts with this advanced pulse unit design. The tools are easy and economical to service, service intervals are reduced and maintenance costs are low. Ergonomic design protects operators and raises productivity in your facility.

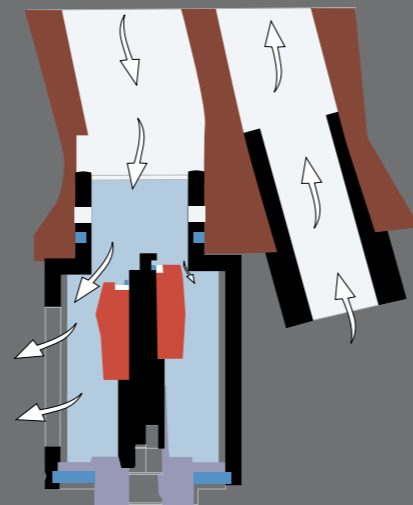


High performance - Low maintenance



High accuracy on hard joints

Shut off tools are equipped with an advanced silencer with a patented adjustable valve. During the run-down phase, the speed is decreased by means of a back pressure created by the adjustable valve. The slow run-down creates less energy and consequently improves the accuracy on hard joints at low torque level.



Set-up your shut-off pulse tool ?



Dynamic torque measurement
DRT series

Measure in live the torque applied on the bolt. It is easy to record torque datas and perform statistic.



Static torque measurement
CD series

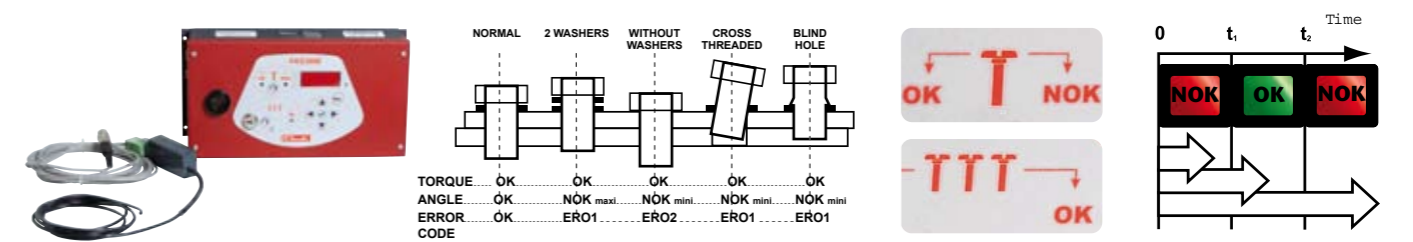
Measure the torque remaining in the joint.



Delta Center measuring unit



How "lean" the Desoutter Pulse Tools can be with the FAS 3000!



Connect your pulse and detect missing washer...

Wrong batch count...

Wrong assembly.

Pulse Tools - Shut Off and Non Shut Off range

5 to 450 Nm (4 to 332 ft.lb) - 3000 to 10000 rpm



PIC REF	MODEL	PART NUMBER	FREE SPEED	OUTPUT DRIVE	TORQUE RANGE		DIMENSIONS					WEIGHT		AIR FLOW		HOSE INT. Ø		SOUND LEVEL
					Nm	ft.lb	L	X	H	kg	lb	l/s	cfm	mm	in.	mm	in.	

NON SHUT OFF




A	PT031-L10000-I10S	205 147 466 4	10000	Sq 3/8	20-31	15-23	221	8.7	22	0.87	-	-	0.7	1.5	8	17	8	5/16	75
B	PT028-T9000-I4Q	205 147 789 4	9000	Hex 1/4	17-28	13-21	150	5.9	22	0.87	175	6.9	0.8	1.8	8	17	8	5/16	75
C	PT031-T9000-I10S	205 147 467 4	9000	Sq 3/8	20-31	15-23	152	6.0	22	0.87	175	6.9	0.8	1.8	8	17	8	5/16	75
C	PT052-T7000-I10S	205 147 468 4	7000	Sq 3/8	30-52	22-38	174	6.8	23	0.90	175	6.9	1.0	2.0	9	19	10	3/8	80
D	PT070-T6000-I13S	205 147 469 4	6000	Sq 1/2	50-70	37-52	168	6.6	26	1.02	190	7.5	1.3	2.9	11	23	10	3/8	78
E	PT110-T4500-I13S	205 147 470 4	4500	Sq 1/2	65-110	48-81	178	7.0	29	1.14	198	7.8	6	3.5	12	25	10	3/8	79
E	PT160-T3500-I13S	205 147 471 4	3500	Sq 1/2	110-160	81-118	188	7.4	34	1.34	209	8.2	2.4	5.3	14	30	13	1/2	79
F	PT240-T2800-I19S	205 147 472 4	2800	Sq 3/4	160-240	118-177	205	8.1	37	1.46	212	8.3	3.3	7.3	15	32	13	1/2	81

SHUT OFF




















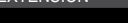

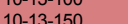
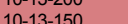
G	PT010-T5500-S4Q	205 146 227 4	5500	Hex 1/4	5-10	4-7	205	8.1	21	0.80	178	7.0	0.95	2.1	6	13	8	5/16	74
H	PT010-L5000-S4Q	205 146 225 4	5000	Hex 1/4	5-10	4-7	212	8.3	21	0.83	-	-	0.9	1.9	6	13	8	5/16	70
G	PT014-T6000-S4Q	205 146 228 4	6000	Hex 1/4	8-14	6-10	205	8.1	21	0.83	178	7.0	1.0	2.2	6	13	8	5/16	74
H	PT014-L6000-S4Q	205 146 226 4	6000	Hex 1/4	8-14	6-10	212	8.3	21	0.83	-	-	0.9	2.0	6	13	8	5/16	73
I	PT025-T4500-S10S	205 147 462 4	4500	Sq 3/8	13-25	10-18	177	7.0	26	1.02	192	7.6	1.3	2.9	7	15	8	5/16	77
J	PT025-L4500-S10S	205 147 463 4	4500	Sq 3/8	13-25	10-18	236	9.3	25	0.98	-	-	1.2	2.5	7	15	8	5/16	77
I	PT035-T6000-S4Q	205 147 790 4	6000	Hex 1/4	20-36	15-26	175	6.9	26	1.02	192	7.6	1.4	3.0	8	17	8	5/16	77
I	PT040-T6000-S10S	205 146 229 4	6000	Sq 3/8	22-40	16-29	177	7.0	26	1.02	192	7.6	1.4	3.0	8	17	8	5/16	77
K	PT070-T4000-S13S	205 146 230 4	4000	Sq 1/2	32-70	24-51	192	7.6	29	1.14	200	7.9	1.8	4.0	10	21	10	3/8	81
K	PT125-T3500-S13S	205 146 231 4	3500	Sq 1/2	62-125	46-92	201	7.9	34	1.34	211	8.3	2.4	5.3	12	25	10	3/8	79
L	PT250-T4000-S19S	205 147 464 4	4000	Sq 3/4	125-250	92-185	216	8.5	37	1.46	215	8.5	3.3	7.2	20	42	13	1/2	82
M	PT450-T3000-S19S	205 147 465 4	3000	Sq 3/4	225-450	166-332	202	8.0	42	1.65	229	9.0	4.3	9.5	22	46	13	1/2	85

Accessories

ACCESSORIES INCLUDED

	PART NO.
	Air Hose nipple for all models, except PT160/240/250/450 453983
	Air Hose nipple for PT160/240/250/450 205 050 900 0
	Adjustment screwdriver for all models, except PT031/070/110/PT160/240 205 050 137 3

OPTIONAL ACCESSORIES

	PART NO.
	Cover protection for PT031-T9000-I10S 205 051 325 3
	Cover protection for PT052-T7000-I10S 205 051 324 3
	Cover protection for PT070-T6000-I13S 205 051 328 3
	Cover protection for PT110-T4500-I13S 205 051 329 3
	Cover protection for PT160-T3500-I13S 205 051 326 3
	Cover protection for PT240-T2800-I19S 205 051 327 3
	Cover protection for PT014-T6000-S4Q 205 051 331 3
	Cover protection for PT025-T4500-S10S 205 051 328 3
	Cover protection for PT040-T6000-S10S 205 051 328 3
	Cover protection for PT070-T4000-S13S 205 051 323 3
	Cover protection for PT125-T3500-S13S 205 051 331 3
	Cover protection for PT250-T4000-S19S 205 051 308 3
	Cover protection for PT450-T3000-S19S 205 050 929 3
	Reporting kit for PT010-T.. / PT014-T.. / PT025-T.. / PT040-T.. / PT070-T.. / PT125-T.. 205 011 427 2
	Reporting kit for PT250-T.. / PT450-T.. 205 011 428 2
	Reporting kit for PT010-L.. / 014-L.. / 025-L.. 205 050 174 3
	Suspension bail for PT031L/010/014/025L 451463
	Suspension bail for PT010/014/031/052 451393
	Suspension bail for PT025/040/070/110/125T 459843
	Suspension bail for PT160/240/250/450T 205 050 906 3
	Exhaust hose for PT031L 452243
	Exhaust hose for PT010/014/025L 459813
	Impulse bits - See Accessories catalogue



Pulse extended bits

FOR MODELS	SQUARE DRIVE	DIAMETER OF OUTGOING SPINDLE		LENGTH		EXTENSION	PART NUMBER
		in.	mm	in.	mm		
Non shut-off PT031, PT052 Shut-off PT025, PT110	3/8	13	0.51	100	3.9	10-13-100	615 804 549 0
	3/8	13	0.51	150	5.9	10-13-150	615 804 550 0
	3/8	13	0.51	200	7.9	10-13-200	615 804 560 0
	3/8	13	0.51	250	9.8	10-13-150	615 804 561 0
Non shut-off PT070, PT110	3/8	13	0.51	300	11.8	10-13-300	615 804 562 0
	1/2	16	0.63	100	3.9	13-16-100	615 804 551 0
	1/2	16	0.63	150	5.9	13-16-150	615 804 552 0
	1/2	16	0.63	200	7.9	13-16-200	615 804 553 0
Non shut-off PT160 Shut-off PT070, PT125	1/2	16	0.63	250	9.8	13-16-250	615 804 563 0
	1/2	16	0.63	300	11.8	13-16-300	615 804 564 0
	1/2	18	0.71	100	3.9	13-18-100	615 804 554 0
	1/2	18	0.71	150	5.9	13-18-150	615 804 555 0
Non shut-off PT240 Shut-off PT250, PT450	1/2	18	0.71	200	7.9	13-18-200	615 804 556 0
	3/4	25	0.98	100	3.9	20-25-100	615 804 557 0
	3/4	25	0.98	150	5.9	20-25-150	615 804 558 0
	3/4	25	0.98	200	7.9	20-25-200	615 804 559 0
	3/4	25	0.98	250	9.8	20-25-250	615 804 567 0
	3/4	25	0.98	300	11.8	20-25-300	615 804 568 0



Please refer to our accessories catalogue (pdf format)

PN 615 993 539 1