



# Industrial Tools



- ▶ *Fast, accurate, reliable*
- ▶ *Long life, low maintenance*
- ▶ *Wide adjustable torque range*
- ▶ *Highly user-friendly*

**Impulse Range**

**The Ultimate Power Tools**



# Impulse Range

## More than just a new tightening experience...

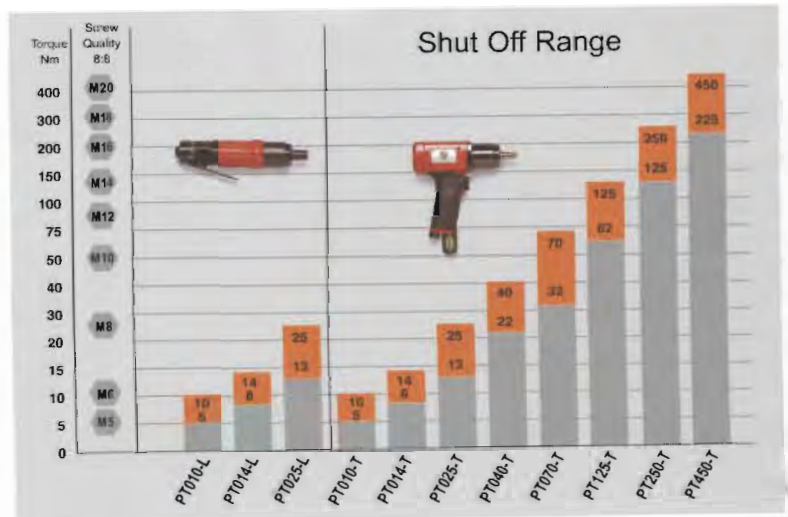
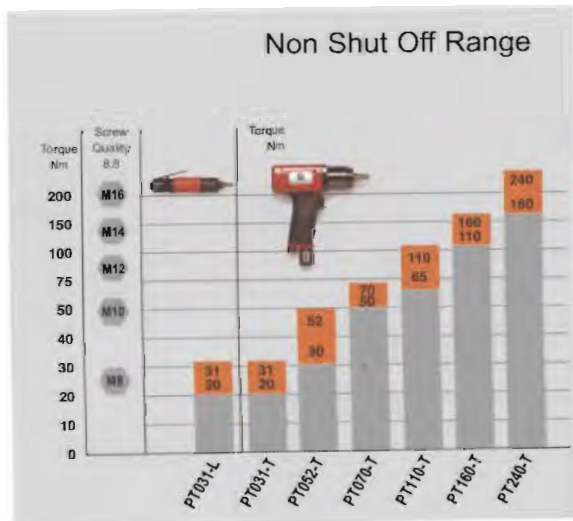


Quiet and virtually vibration-free, the CP Impulse Tool gives a smooth, rapid rundown, leveling off at precisely the preset torque with a high level of accuracy and repeatability. With their advanced ergonomic design, CP Impulse Tools are extremely operator-friendly. They're light and well-balanced, with comfortable rubber grips. Power-to-weight ratios are high – reaction forces are low.

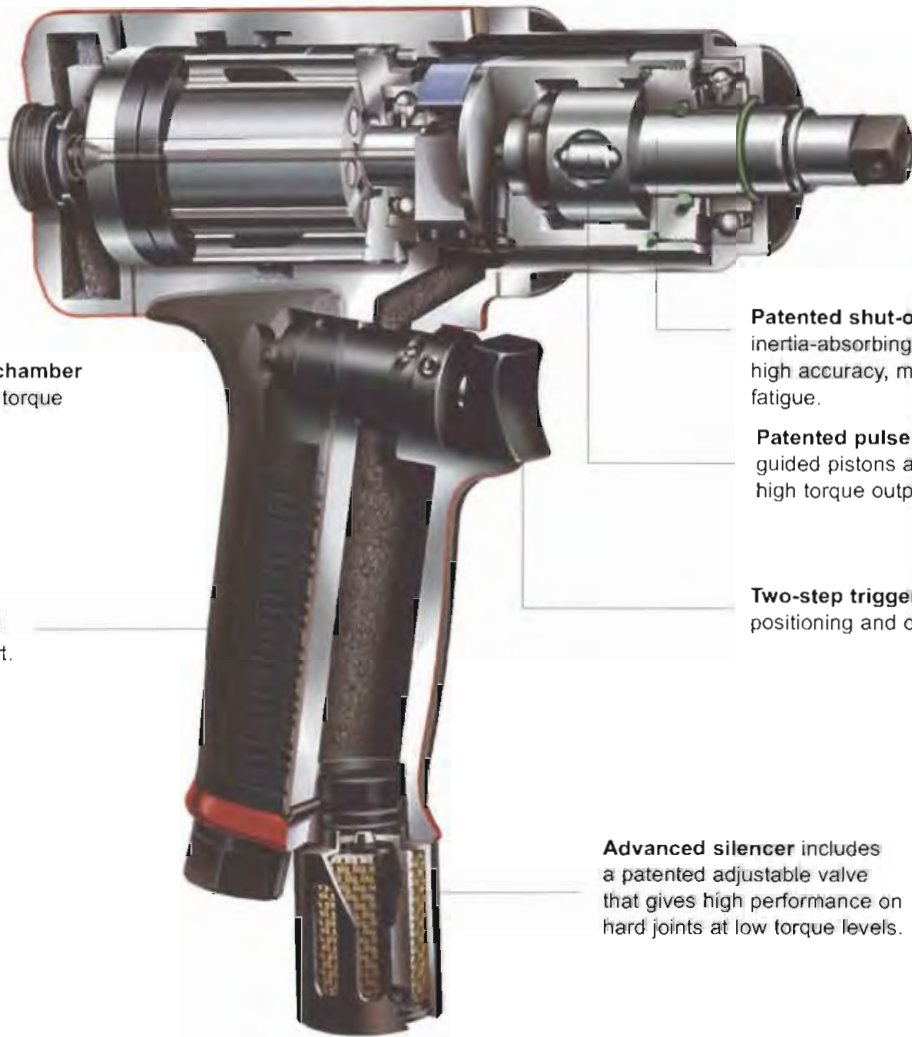
### Why choose CP Impulse Tools?

- **High speed operation** - Using a CP Impulse Tool will speed up your process and boost productivity.
- **Less maintenance, longer service life** - With very few moving parts, CP Impulse Tools require less servicing, and maintenance costs are low.
- **Low reaction forces** - While minimizing the physical impact of the tool on the operator, low reaction forces also contribute to consistent end-product quality.
- **They have the Ergo Touch!** With their high torque output to weight ratios and low noise and vibration levels, CP Impulse Tools are highly operator-friendly. This protects operator health and raises productivity in your plant.

### Choose your tool



# High performance – low maintenance



**Lubrication-free, twin chamber air motor** provides high torque and fast rundown.

**Rubber grip** insulates the hands from cold and ensures operator comfort.

**Patented shut-off system** with inertia-absorbing body provides high accuracy, minimizes operator fatigue.

**Patented pulse unit** with cam-guided pistons and rollers provides high torque output and low weight.

**Two-step trigger** for easy bolt positioning and operator comfort.

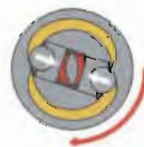
**Advanced silencer** includes a patented adjustable valve that gives high performance on hard joints at low torque levels.

## Shut Off or Non Shut Off?



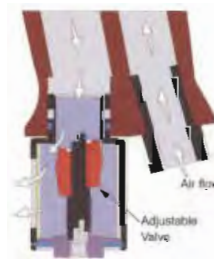
**Shut Off** impulse tools automatically provide the highest level of accuracy and repeatability, irrespective of operator skill.

**Non Shut Off** versions are suitable for applications where it is advantageous for the operator to control the process.



**Very few moving parts** In CP Impulse Tools the use of pulse technology reduces wear and eliminates the risk of broken springs. The tools are easy and economical to service and maintenance costs are low.

## High accuracy on hard joints



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



# Impulse – Shut Off and Non Shut Off

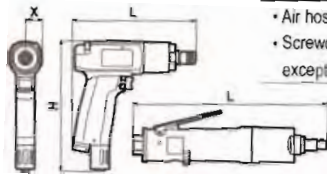
5 to 450 Nm (4 to 332 ft.lb) – 1,900 to 10,000 rpm



## ACCESSORIES INCLUDED

- Air hose nipple
- Screwdriver adjustment for all models, except PT031/070/110/160/240

PART NO. 205 050 137 3



## OPTIONAL ACCESSORIES

- Reporting Kit for PT010/014/025L
- Suspension bail for PT031/010/014/025L
- Suspension bail for PT031/052/010/014T
- Suspension bail for PT070/110/025/040/070/125T
- Suspension bail for PT160/240T
- Suspension bail for PT250/450T
- Exhaust hose for PT031L
- Exhaust hose for PT010/014/025L

PART NO.

205 050 174 3

451463

451393

459843

205 050 998 3

205 050 906 3

452243

459813

PIC REF	MODEL	PART NUMBER	FREE SPEED	OUTPUT DRIVE	TORQUE RANGE		DIMENSIONS						WEIGHT		AIR FLOW		HOSE INT. DIA.	
					rpm	in	Nm	ft.lb	L	X	H	kg	lb	l/s	cfm	mm	in	
<b>NON SHUT OFF</b>																		
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
B	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
C	PT052-T7000-I10S	205 147 468 4	7000	Sq 3/8	30-52	22-38	174	6.9	23	0.90	175	6.9	1.0	2.0	9	19	10	3/8
C	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
C	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	2	25	10	3/8
D	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
E	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
<b>SHUT OFF</b>																		
B	PT010-T5500-S4Q	205 146 227 4	5500	Hex 1/4	5-10	4-7	205	8.1	21	0.8	178	7.0	0.95	2.1	6	13	8	5/16
F	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
B	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
F	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
G	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
H	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
G	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
J	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
J	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
K	PT250-T2200-S19S	205 147 464 4	2200	Sq 3/4	25-250	92-185	216	8.5	37	1.46	215	8.5	3.3	7.2	20	42	13	1/2
L	PT450-T1900-S19S	205 147 465 4	1900	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



