

# Pistol Grip Pulse Tools

## Non-Shut-Off

### Q Series

Represents the latest generation of pulse tool technology engineered with the end-user in mind.




#### Features

- Torque range: 15 – 74 ft-lbs (20 – 100 Nm)
- Speeds: 5,500 – 7,000 rpm
- Easy torque adjustment for quick setup
- Extremely lightweight, compact, and fast
- World-class power-to-weight ratio
- Ergonomic design provides comfortable grip, low vibration and noise, and reactionless one-handed operation
- Environmentally enhanced lube-free, dual-chamber air motor, and self-lubricating blades and cylinder reduce oil mist
- Non-shut-off tools are recommended for the majority of applications where speed and ergonomics are important



#### Service and Accessories

##### Manuals:







-  80206618
-  80206667
-  80213671




##### Accessories:

- Sockets, see form # IR-0506-016
- QC qualifier, see page 132
- Spring balancer, see page 177

##### Kits:

- See page 137 for kits

Model	ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)	
<b>TRIGGER START</b>								
Q70PQ1	M6 – M8	15 – 20 (20 – 28)	7,000	1.8 (0.8)	5.2" (131)	0.9" (23)	1/4" 	12 (340)
Q70P3	M6 – M8	18 – 25 (24 – 35)	7,000	1.8 (0.8)	5.2" (131)	0.9" (23)	3/8" 	11 (311)
Q80PQ1	M8	18 – 25 (24 – 35)	7,000	1.9 (0.9)	5.4" (138)	0.9" (23)	1/4" 	12 (340)
Q80P3	M8	25 – 36 (34 – 50)	7,000	1.9 (0.9)	5.4" (138)	0.9" (23)	3/8" 	12 (340)
Q90P3	M8 – M10	35 – 48 (47 – 65)	6,500	2.1 (1.0)	5.8" (148)	0.9" (23)	3/8" 	14 (396)
Q110P4	M10 – M12	48 – 74 (65 – 100)	5,500	3.0 (1.4)	6.5" (164)	1.1" (27)	1/2" 	20 (566)

Model			
Q70P – Q80P	74 – 75 dBa	1/4" NPT	3/8" (10 mm)
Q90P – Q110P	78 – 81 dBa	1/4" NPT	3/8" (10 mm)

# Pistol Grip Pulse Tools

Non-Shut-Off

## Power Pulse

Performance-proven designs offer broad torque ranges for the ultimate in flexibility.

### Features







- Torque range: 3 – 90 ft-lbs (4 – 122 Nm)
- Speeds: 5,000 – 10,500 rpm
- Easy torque adjustment for quick setup
- Broad torque coverage
- Two-speed trigger provides slow-speed starting and high-speed rundown
- Patented cooling system extends life
- Reactionless one-handed operation
- Non-shut-off tools are recommended for the majority of applications where speed and ergonomics are important



700P

### Service and Accessories

#### Manuals:




















-  16574790
-  P7073us
-  P7090us
-  P7072us
-  80167554
-  P7074us




#### Accessories:

- Sockets, see form # IR-0506-016
- QC qualifier, see page 132
- Spring balancer, see page 177

#### Kits:

- See page 137 for kits

								
Model		ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)
<b>DC TRIGGER START</b>								
100PQ1	M4 – M5	3 – 8 (4 – 11)	9,300	1.6 (0.7)	5.6" (142)	0.7" (18)	1/4" 	12 (340)
180PQ1	M4 – M6	6 – 22 (8 – 30)	10,500	2.2 (1.0)	6.5" (165)	0.9" (23)	1/4" 	9 (255)
280PQ1	M6 – M8	10 – 26 (14 – 35)	9,500	2.5 (1.1)	7.0" (178)	0.9" (23)	1/4" 	11 (311)
280P	M6 – M8	12 – 28 (16 – 38)	9,500	2.5 (1.1)	7.0" (178)	0.9" (23)	3/8" 	11 (311)
380PQ1	M8	15 – 32 (20 – 44)	8,500	2.9 (1.3)	7.0" (178)	1.0" (26)	1/4" 	11 (311)
380P	M8	18 – 36 (24 – 49)	8,500	2.9 (1.3)	7.9" (178)	1.0" (26)	3/8" 	11 (311)
500PQ1	M8 – M10	18 – 38 (38 – 52)	8,500	3.2 (1.5)	6.5" (165)	1.2" (31)	1/4" 	12 (340)
500P	M8 – M10	20 – 43 (27 – 58)	8,500	3.2 (1.5)	6.5" (165)	1.2" (31)	3/8" 	12 (340)
700P	M8 – M10	24 – 58 (33 – 79)	8,500	3.6 (1.6)	6.5" (165)	1.2" (31)	3/8" 	14 (396)
900P	M10	30 – 80 (41 – 109)	7,500	4.6 (2.1)	7.9" (200)	1.3" (33)	1/2" 	14 (396)
1100P	M10 – M12	35 – 90 (48 – 122)	5,000	4.9 (2.2)	8.2" (208)	1.4" (36)	1/2" 	16 (453)

Model			
Power Pulse	76 – 78 dBA	1/4" NPT	3/8" (10 mm)

# Inline / Angle Pulse Tools

Non-Shut-Off

## Power Pulse





Performance-proven designs deliver in inline and space-constrained applications.

### Features

- Torque range: 3 – 36 ft-lbs (4 – 49 Nm)
- Speeds: 5,500 – 10,000 rpm
- Easy torque adjustment for quick setup
- High-speed reactionless operation for space-constrained and inline applications
- Excellent power-to-weight ratio for more comfortable, convenient operation
- Non-shut-off tools are recommended for the majority of applications where speed and ergonomics are important

### Service and Accessories

#### Manuals:

-  P7089us
-  P7075us
-  P7079us
-  P7062US















#### Accessories:

- Sockets, see form # IR-0506-016
- QC qualifier, see page 132
- Spring balancer, see page 177

#### Kits:

See page 137 for kits



								
Model	ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)	
<b>DC INLINE LEVER START</b>								
100SQ1	M4 – M5	3 – 9 (4 – 12)	10,000	1.8 (0.8)	8.9" (226)	0.8" (20)	1/4" 	12 (340)
180SQ1	M4 – M6	6 – 22 (8 – 30)	9,000	2.0 (0.9)	8.7" (221)	0.9" (23)	1/4" 	9 (255)
280SQ1	M6 – M8	7 – 26 (10 – 35)	8,000	2.1 (1.0)	9.0" (229)	0.9" (23)	1/4" 	11 (311)
380SQ1	M8	15 – 32 (20 – 44)	8,500	2.6 (1.2)	9.1" (231)	1.0" (25)	1/4" 	11 (311)
<b>DC ANGLE LEVER START</b>								
500A	M6 – M8	12 – 30 (16 – 41)	7,000	3.3 (1.5)	10.5" (267)	1.1" (27)	3/8" 	11 (311)
700A	M8 – M10	19 – 36 (26 – 49)	5,500	4.4 (2.0)	11.2" (284)	1.1" (27)	3/8" 	12 (340)

Model			
Power Pulse	76 – 83 dBA	1/4" NPT	3/8" (10 mm)

# Pistol Grip Pulse Tools

## Shut-Off

### Power Pulse Plus



Ergonomic designs offer proven performance and error-proofing.

#### Features

- Torque range: 4 – 59 ft-lbs (5 – 78 Nm)
- Speeds: 5,000 – 7,000 rpm
- Easy torque adjustment for quick setup
- Auto-shut-off feature stops airflow to tool when cycle is complete
- High-speed, compact, lightweight design
- Ergonomic design provides comfortable grip, low vibration and noise, and reactionless one-handed operation
- Auto-shut-off limits air consumption and tool wear
- Deters early throttle release; recommended when improved error-proofing is desired

#### Service and Accessories

##### Manuals:

-  16574766
-  80167570

##### Accessories:
















Sockets, see form # IR-0506-016  
QC qualifier, see page 132  
Spring balancer, see page 177




##### Kits:

See page 137 for kits



55PS3

								
Model		ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)
<b>DC TRIGGER START</b>								
40PSQ1	M4 – M5	4 – 10 (5 – 13)	5,000	2.1 (1.0)	7.2" (183)	0.73" (19)	1/4" 	13 (368)
45PS3	M5 – M6	6 – 14 (8 – 20)	7,000	2.4 (1.1)	7.3" (185)	0.83" (21)	3/8" 	12 (340)
45PSQ1	M5 – M6	5 – 13 (7 – 17)	7,000	2.4 (1.1)	7.3" (185)	0.83" (21)	1/4" 	12 (340)
55PS3	M6 – M8	7 – 21 (10 – 28)	6,000	2.4 (1.1)	7.3" (185)	0.83" (21)	3/8" 	15 (425)
55PSQ1	M6 – M8	6 – 16 (8 – 22)	6,000	2.4 (1.1)	7.3" (185)	0.83" (21)	1/4" 	15 (425)
70PS3	M8 – M10	26 – 42 (36 – 58)	5,500	3.5 (1.6)	8.1" (206)	0.97" (25)	3/8" 	17 (481)
90PS4	M10 – M12	37 – 59 (51 – 78)	5,000	4.4 (2.0)	7.9" (201)	1.15" (29)	1/2" 	18 (510)

Model			
40PS – 55PS	70 – 76 dBA	1/4" NPT	3/8" (10 mm)
70PS – 90PS	82 – 85 dBA	1/4" NPT	3/8" (10 mm)

## Power Pulse

Performance-proven designs offer broad torque ranges for ultimate flexibility.

### Features

- Torque range: 10 – 140 ft-lbs (14 – 190 Nm)
- Speeds: 6,500 – 10,500 rpm
- Easy torque adjustment for quick setup
- Auto-shut-off feature stops airflow to tool when cycle is complete
- Broad torque coverage
- Two-speed trigger provides slow-speed starting and high-speed rundown
- Auto-shut-off limits air consumption and tool wear
- Deters early throttle release; recommended when improved error-proofing is desired



### Service and Accessories

#### Manuals:

- P7191us
- P7192us

#### Accessories:

- Sockets, see form # IR-0506-016
- QC qualifier, see page 132
- Spring balancer, see page 177

#### Kits:

See page 137 for kits

Model	ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)	
<b>DC TRIGGER START</b>								
500PS3	M6 – M8	10 – 40 (14 – 54)	10,500	4.0 (1.8)	7.9" (201)	1.2" (30)	3/8" □	12 (340)
700PS3	M8 – M10	20 – 60 (27 – 81)	9,250	4.5 (2.0)	8.5" (216)	1.2" (30)	3/8" □	14 (396)
900PS4	M10	30 – 70 (41 – 95)	8,000	5.9 (2.7)	9.1" (231)	1.3" (33)	1/2" □	14 (396)
1100PS4	M10 – M12	40 – 85 (54 – 115)	6,500	6.2 (2.8)	9.2" (234)	1.3" (33)	1/2" □	16 (453)
1900PS4	M12 – M14	70 – 140 (108 – 190)	7,000	8.6 (3.9)	10.2" (259)	1.5" (38)	1/2" □	18 (510)

Model			
Power Pulse	77 – 82 dBA	1/4" NPT	3/8" (10 mm)