



# Hoya International Co., Ltd.

## Finger Tip Slide Control Air Impact Series

**Torque limited impact wrench**      *Compact & Lightweight*



- Quickly fasten wheel nut close to target torque, but not exceed
- Smooth & efficient one-handed F/R control
- Specially designed for tire repairing center
- Durable composite housing for lightweight, comfortable & chemical resistance
- Max forward torque limited at 80 ft-lb
- Max torque in reverse at 800 ft-lb
- Comfortable TPR grip
- One hand F/R control, more easy to operate
- Patented new twin hammer construction makes more power and durability
- Strengthen anvil, a larger area on anvil increases torque output by 30%
- Industry Category: Automotive Aftermarket
- Application: Assembly Tools
- Frequency of Application: Workshop – High

### EC Declaration

CE Vib. & Sound Test Report No. :1510002

Sound Pressure db (A): 100.2

Sound Power db (B): 111.2

Sound Pressure db (C): 122

Sound - K db: 3

Vibration M/S<sup>2</sup>: 6.54

Vibration -K: 1.14

### Safety Requirements

Machinery Safety Directives: 2006/42/EC

Risk Assessment & Risk Reduction: ISO 12100

Safety Requirements: ISO 11148-6

Noise Level: ISO 15744

Vibration Level: ISO 28927-2



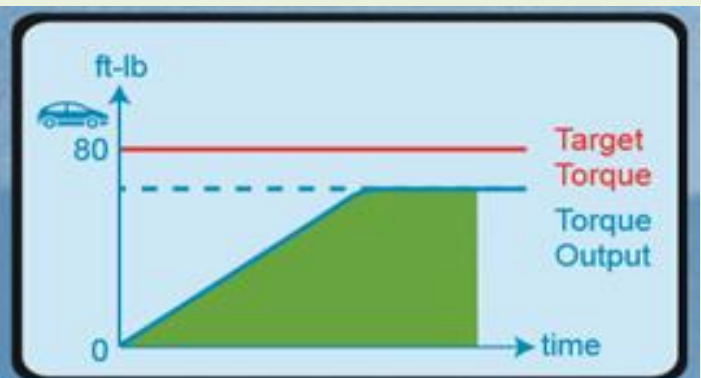
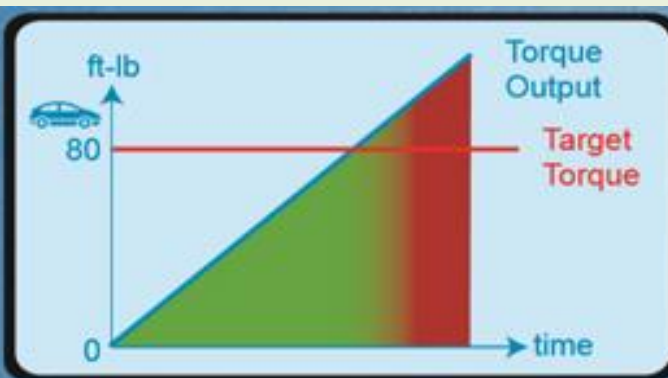
The torque limited impact wrench can quickly fasten wheel nut close to target torque, but not exceed.



The forward torque of this tool is limited to 80ft/lb.



Apply the torque wrench to tighten the wheel nut at correct torque.



**Specifications** Recommended Air Pressure at 90 psi (6.2bar)

MODEL	SQUARE DRIVE INCH	FREE SPEED (For.) R. P. M.	MAX TORQUE @5 SEC. (For.) ft.lb(Nm)	FREE SPEED (Rev.) R. P. M.	MAX TORQUE @ 5sec. (Rev.) ft-lb(Nm)	OVERALL LENGTH INCH(mm)	AIR INLET INCH	AIR HOSE I.D.	AVG. AIR CONSUMPTION cfm(L/min)	NET WEIGHT lb(kg)
HY-1481-MT	1/2	5,500	80(108)	8,500	800(1,085)	7.2(182)	1/4	3/8	6.7(190)	4.29(1.95)
HY-1481-MT-2	1/2	5,500	80(108)	8,500	800(1,085)	8.8(225)	1/4	3/8	6.7(190)	4.51(2.05)

## Standard Finger Tip Slide Control Series



**HY-1380**

**3/8" 542 N.m**



**HY-1482**

**1/2" 583 N.m**



**HY-1481**

**1/2" 1,017 N.m**



**HY-1480**

**1/2" 1,220 N.m**



**HY-1681**

**3/4" 1,288 N.m**



**HY-1680**

**3/4" 1,763 N.m**



**HY-1880**

**1" 1,898 N.m**



- 4 positive power settings; full power in reverse
- Comfortable TPR grip
- Full power in reverse
- Smooth & efficient one-handed F/R control
- Well balanced ergonomic design
- Lightweight design
- Top choice in tire service centers
- Durable composite housing for lightweight, comfortable & chemical resistance
- One hand F/R control, more easy to operate
- Patented new twin hammer construction makes more power and durability
- Strengthen anvil, a larger area on anvil increases torque output by 30%
- Industry Category: Automotive Aftermarket
- Application: Assembly Tools
- Frequency of Application: Workshop – High
- Exhaust Direction: Rear exhaust with muffler

## Safety Requirements

Machinery Safety Directives: 2006/42/EC

Risk Assessment & Risk Reduction: ISO 12100

Safety Requirements: ISO 11148-6

Noise Level: ISO 15744

Vibration Level: ISO 28927-2

<b>Specifications Recommended Air Pressure at 90 psi (6.2bar)</b>								
MODEL	SQUARE DRIVE INCH	FREE SPEED R. P. M.	MAX TORQUE @5 SEC. ft.Lb(Nm)	OVERALL LENGTH INCH(mm)	AIR INLET INCH	AIR HOSE I.D	AVG. AIR CONSUMPTION cfm(L/min)	NET WEIGHT lbs(kg)
HY-1380	3/8	13,500	400(542)	6.0(152)	1/4	3/8	5.9(167)	2.71(1.23)
HY-1482	1/2	13,500	430(583)	6.0(152)	1/4	3/8	5.9(167)	2.76(1.25)
HY-1481	1/2	8,500	750(1,017)	7.2(182)	1/4	3/8	6.7(190)	4.19(1.90)
HY-1480	1/2	8,000	900(1,220)	7.8(197)	1/4	3/8	6.7(190)	5.05(2.29)
HY-1681	3/4	8,000	950(1,288)	8.3(211)	1/4	3/8	6.7(190)	5.25(2.38)
HY-1680	3/4	6,000	1,300(1,763)	8.7(222)	3/8	1/2	7.3(206)	8.33(3.78)
HY-1880	1	6,000	1,400(1,898)	8.9(227)	3/8	1/2	7.3(206)	8.56(3.88)