

## Electric Impacttools



For applications where the use of compressed air is not practical, IR offers a complete line of electric Impacttools in 3/8, 1/2, 3/4 and 1-inch drive sizes. All models are ranked according to the Super Duty/Heavy Duty/Standard Duty ratings, and incorporate the same high quality of design and construction that has made Ingersoll-Rand the world leader in Impacttools.

# Electric Impacttools



● 8005



▲ 8055



★ 8056

## Features

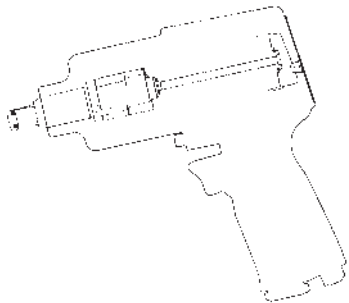
- Full ball bearing construction throughout for maximum performance
- High quality, heat treated steel gears for longer life
- Full power in reverse for removing bolts, nuts, studs and lag screws
- Lightweight cast aluminum housing and handle reduce operator fatigue
- Heavy duty 3-conductor cord – grounding required
- Delivers high torque for maximum efficiency

Model	Drive Description	Handle	Free Speed rpm	Impacts per minute	Maximum Torque		Recomm. Torque Range		Weight, less socket lb.	Length, less socket in.	Side to Center Distance in.	amps	volts	Chord Length
					ft.-lb.	Nm	ft.-lb.	Nm						
●8005	3/8" square	Pistol	2000	2200	85	115	5-50	7-68	4 1/2	10 1/8	1 3/8	3.0	120 AC	10'
8049	1/2" square	Pistol	1900	2000	290	393	30-180	41-244	6 3/4	11 11/16	1 5/8	5.0	120 AC	10'
8053	1/2" square	Pistol	1900	1900	330	448	50-225	68-305	7	10 1/4	1 5/8	5.0	120 AC/DC	15'
8053QC	7/16" hex QC	Pistol	1900	1900	300	407	50-200	68-272	7	11	1 5/8	5.0	120 AC/DC	15'
▲ 8055	3/4" square	Pistol	1700	1725	450	610	100-375	136-509	10	11 7/8	1 3/4	7.5	120 AC/DC	8'
8062	5/8" hex QC	Pistol	1700	1725	400	542	100-350	136-475	10	12 7/8	1 3/4	7.5	120 AC/DC	8'
★8056	1" square	Grip	800	900	750	1017	300-600	407-814	32 1/2	14 1/8	2 3/8	10.0	120 AC/DC	15'

Tools comply with OSHA requirements and are UL listed.

# Quick Reference Guide

Drive Size	Super Duty		Heavy Duty		Standard Duty		Torque Control		Electric	
	Series	Page	Series	Page	Series	Page	Series	Page	Series	Page
3/8"	2902	5	1702	5			5020	19	8005	22
3/8"	2903	5	2904	5						
7/16" Quick Change					2131	6	5020	19		
7/16" Quick Change							5040	19		
1/2"	2906	6	2707	6	2705	6	5040	19	8053	22
1/2"					2904	6			8049	22
1/2"					2131	6				
5/8"	2908	8								
5/8" Quick Change									8062	22
3/4"	2925	10	1720	10					8055	22
3/4"			2161P	10						
1"	2934	12	1734	12	1720	10			8056	22
1"	2940	13	1712	12	2171P	10				
1 1/2"	2945	14								
1 1/2"	2950	14								
1 1/2"	5980	14								
2 1/2"	5982	15								
2 1/2"	588	15								
3 1/2"	599	15								



## Pressure-Feed Lubrication System

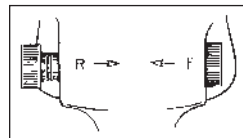
Ingersoll-Rand uses a "pressure-feed" lubrication system on all Twin-Hammer and Jumbo Hammer Impact Mechanisms. This exclusive system allows the operator to externally inject grease into a chamber through a grease fitting in the rear of the motor housing.

Air pressure from the motor force feeds the right amount of grease from the

chamber and through the rotor, distributing a film of protective grease on the hammer mechanism. This system insures the continuous lubrication of critical hammer parts, resulting in longer, trouble-free life. Use Cat. No. R000A2-228 Metal Grease Gun and Cat. No. 100 Grease, or equivalent. This grease has the right viscosity to flow through the small orifice in the rotor and anvil.

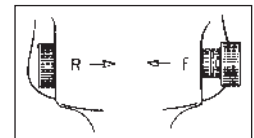
## Power Regulator System

Some Twin-Hammer and Jumbo Hammer tools are equipped with a combination power regulator/reverse valve. This design allows operators to adjust power output, to prevent over-torquing on delicate work, in one direction—while maintaining full power in the opposite direction. The power output in either direction is designated by the numbers "0" thru "5". Number 5 designates maximum power.



### Forward:

Regulator on 3 reduces power output. Switching to **reverse** automatically maintains full power.



### Reverse:

Regulator on 3 reduces power output. Switching to **forward** automatically maintains full power.

### Regulator on 5:

Forward, maximum power output  
Reverse, maximum power output

