



The 3900 Series is the newest generation of 1" and 1.1/2" Impactools from Ingersoll Rand. They are a revolutionary design giving a leap forward in available power and durability.

The 3900 Series range offers tools in all configurations with 1" and 1.1/2" square drive anvils. Three motor sizes are used to give performances that are way ahead of anything previously available – up to a massive 6 779 Nm (5 000 ft-lb) of reverse torque.

7-vane motors power up to max speed quicker than ever before and enhanced hammer mechanisms are proven to be the most durable in the business.

### More Power

**4 407 Nm** (3 250 ft-lb) maximum torque in reverse. High-performance motor package includes 7-vane rotor and bronze end plates.

### More Durability

Titanium hammer case, increases strength, reduces weight, and provides exceptional corrosion resistance. TwinHammer mechanism is the strongest, most durable, longest life mechanism in the industry.

### Better Ergonomics

Ergonomic handle design and textured finish provide a secure, comfortable grip.

### Specifications at 6.2 bar (90 PSI)

Part number	<b>3942B2Ti</b>
Ordering number	<b>80152978</b>
Drive size (square)	<b>1 in</b>
Also available with outside trigger	<b>3942A2Ti</b>

#### PERFORMANCE

Working torque (forward)	<b>1 000 - 1 950 ft-lb / 1 356 - 2 644 Nm</b>
Maximum torque (forward)	<b>3 000 ft-lb / 4 068 Nm</b>
Working torque (reverse)	<b>1 000 - 2 100 ft-lb / 1 356 - 2 848 Nm</b>
Maximum torque (reverse)	<b>3 250 ft-lb / 4 407 Nm</b>
Maximum free speed	<b>5 000 rpm</b>
Impacts per minute	<b>850</b>

#### AIR SYSTEM

Air inlet (NPTF)	<b>1/2 in</b>
Minimum hose size	<b>3/4 in / 19 mm</b>
Air consumption at load	<b>93 cfm / 44 l/sec</b>

#### NOISE & VIBRATIONS

Impacting sound pressure / power	<b>103.4 / 114.4 dB(A)</b>
Vibration level / measurement uncertainty (ISO28927)	<b>16.9 / 4.6 m/s<sup>2</sup></b>

#### WEIGHT & DIMENSIONS

Tool weight	<b>23.1 lb / 10.5 kg</b>
Tool dimensions (l x w x h)	<b>362 x 118 x 210 mm</b>
Shipping weight	<b>25.3 lb / 11.5 kg</b>
Shipping dimensions (l x w x h)	<b>580 x 250 x 170 mm</b>
UPC/EAN Code	<b>6 63023 08170 0</b>
Origin	<b>Assembled in USA</b>