

## PNEUMATIC TORQUE WRENCHES

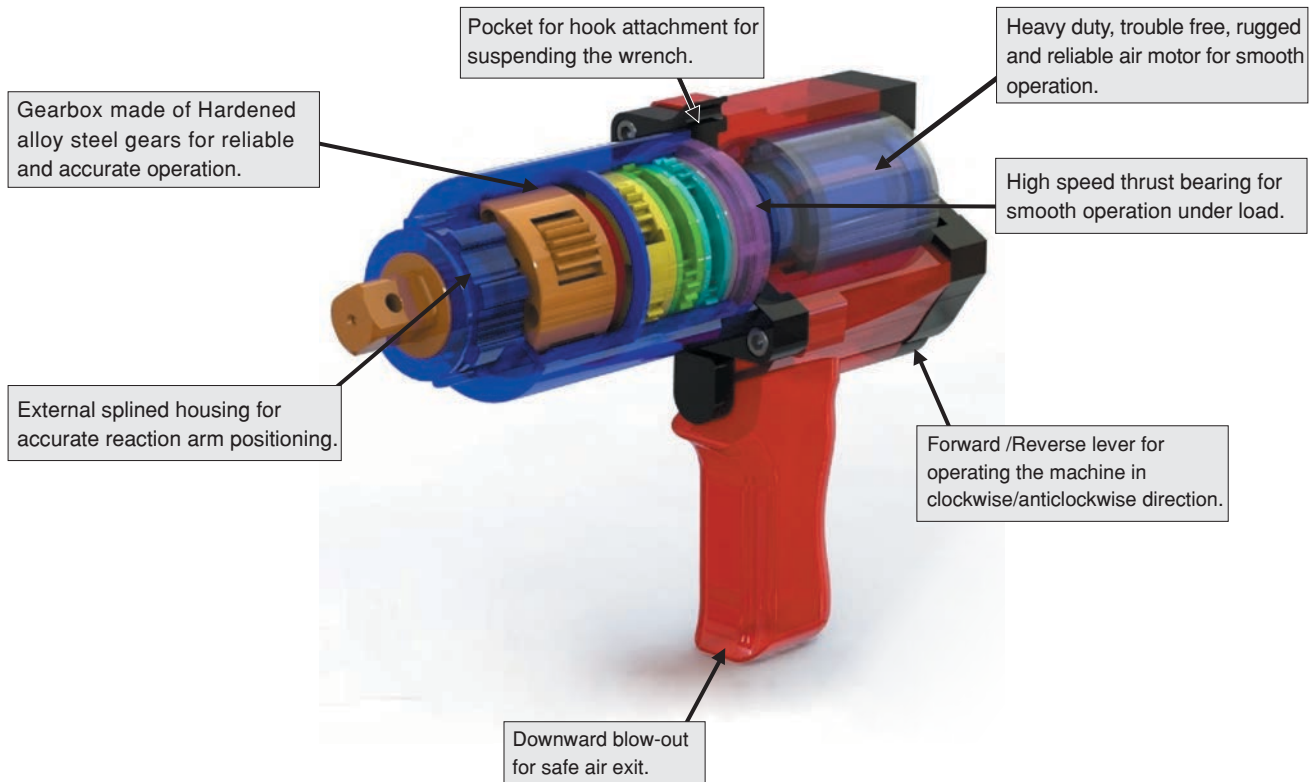


A Pneumatic Torque Wrench is an air motor driven planetary gear box having a very high reduction ratio. The gear box is provisioned with a reaction arm to absorb the torque reaction. Unlike impact wrench a pneumatic torque wrench is driven by continuous gearing and hence has no noisy and hazardous hammering. This is why a pneumatic torque wrench has an excellent accuracy and repeatability. Pneumatic torque wrench offers following significant advantages:

- Pneumatic is always known for clean and tidy way of working.
- Combination of Air motor with planetary gear guarantees, a much faster, safe and economical operation.
- Easy and fast operation.

## VEGA SERIES PNEUMATIC TORQUE WRENCHES

Pneumatic Torque wrenches are the preferred torquing method to achieve productivity with less man-power. Powermaster Pneumatic torque wrenches offer the reliable and dependable solution for the torquing and un-torquing of heavy duty bolts and nuts at various industries where speed, power, accuracy and safety are required. Maximum operating pressure is 90 psi (6 bar).



# VEGA SERIES PNEUMATIC TORQUE WRENCHES

## Brief Operational Sequence

- Connect the inlet air source to FRL Unit (fig.1), if required adjust the lubricant flow rate on FRL.
- Set the required pressure as per chart provided, on the FRL while trigger pressed in torquing direction (fig.2).
- Fix the required socket and reaction arm on to the tool (fig.3).
- Place the tool along with socket on the fastener, (fig.4) operate the trigger for giving torque.



## Technical Features :

- **Light and Compact** : Light and compact tool design, suitable for variety of applications.
- **Heavy Duty Gear Box** : Heavy duty gear box with thrust bearing for low friction and longer operational life.
- **Single Trigger** : Single trigger for both forward and reverse operation.
- **Integral Hook Point** : Integral hook for use of tool balancer etc.
- **Low Noise Level** : Low noise level with no vibration.
- **High Accuracy** : VEGA has an accuracy of better than  $\pm 5\%$  with repeatability within 2% variation.
- **Reaction Boot** : Reaction arm provisioned with removable boot for soft padding or extension as required.
- **Customised Reaction Arm** : A wide range of standard and customized reaction arm available as per customer requirement.
- **Wheel Extension** : Variety of wheel extension available for deep reach, where tool clearance is a problem.
- **Accessories** : Accessories like universal socket, universal joint and thin wall sockets available.

## Technical Details:

Model No.	Min. Torque		Max. Torque		Free Speed	Square Drive	Weight
	Lbs	Nm	Lbs	Nm	rpm	inch	Kg.
VEGA - 15	30	45	130	180	42	1/2 / 3/4	7.0
VEGA - 50	125	170	500	680	25	1/2 / 3/4	7.0
VEGA - 75	185	250	750	1020	15	3/4 / 1	7.0
VEGA - 100	250	340	1040	1400	9	3/4 / 1	7.0
VEGA - 200	560	750	2200	3000	6	1 / 1.1/2	10.0
VEGA - 300	750	1010	3000	4050	3	1 / 1.1/2	11.0
VEGA - 400	1000	1350	4000	5400	2.5	1.1/2	13.60
VEGA - 500	1200	1650	4800	6500	2	1.1/2	13.60
VEGA - 600	1630	2200	6000	8100	1.5	1.1/2	13.60