

Air Tools & Compressors



Air Tools & Compressors

OUTLETS NATIONWIDE

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Air Tools & Compressors

In addition to a comprehensive range of air tool accessories, hose and fittings, we offer two distinctively different classes of Air Power Tools - **Heavy Industrial Duty** and **Industrial**

Duty. Both ranges offer the professional or serious DIYer a reliable tool for most applications. We supply **MAT-AIR** compressors that offer years of reliable service for most

applications. The range includes direct drive compressors for DIY use and belt drive compressors right up to 10hp/300litre for professional use.



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Heavy Industrial Duty Impact Wrenches



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Heavy Industrial Duty Die Grinders



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Compressor Care

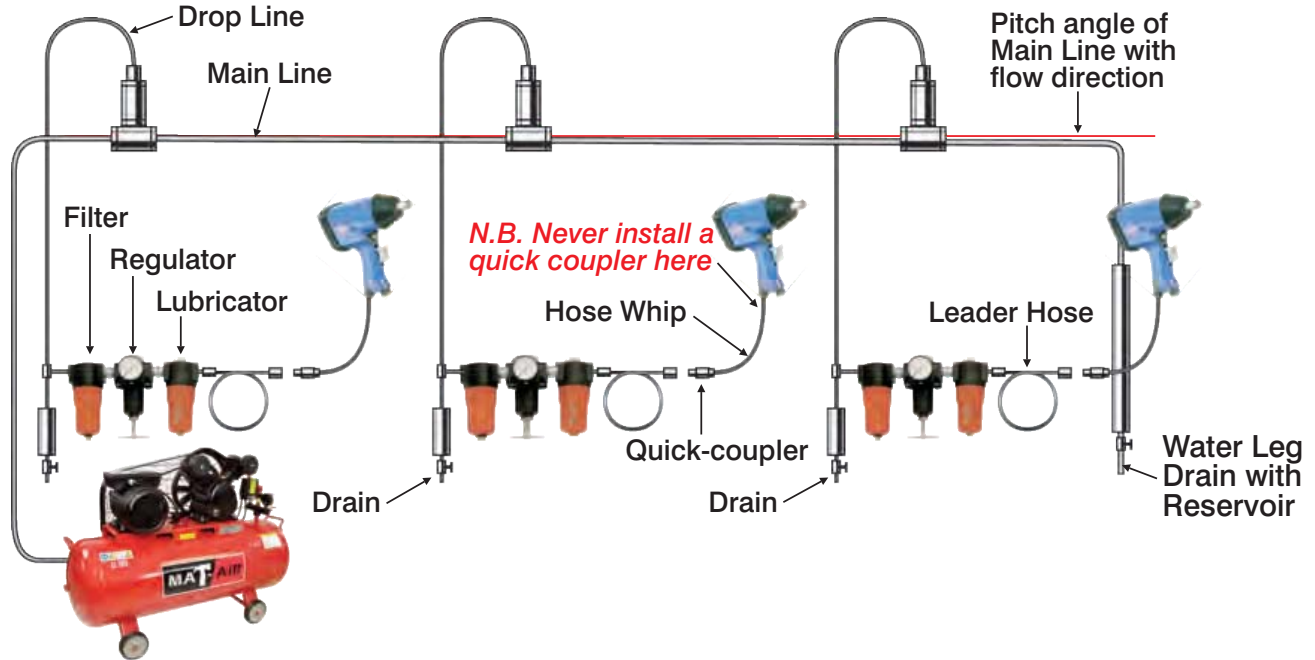
AIR LINE SET UP & FREE AIR DELIVERY CALCULATION

Many users install the quick-coupler at the intake of the tool, this is not recommended. Rather add a hose whip with the coupling between the whip and air supply or leader hose.

- Check air lines and couplings for leaks
- Once detected repair immediately
- Small leaks reduce performance
- Make sure that the total consumption of the air tools used simultaneously is lower than the Free Air Delivery (FAD) of the compressor
- The air lines should be kept as short as possible, if a long line is unavoidable make use of a

- larger diameter hose
- Use 90 psi while running the tool
- Higher pressure and unclean air will shorten the tool's life span because of faster wear and may create a hazardous condition
- Drain the air tank daily. Water in the air line will damage the tool
- Clean the air inlet filter screen weekly
- Use an in-line lubricator with SAE #10 oil

Air line setup to supply air to RACO air tools in the workshop environment



Free Air Delivery (FAD) Calculation

Free Air Delivery - as available from compressor to drive air tools.

How do we calculate it?

Litres/minute delivered by the compressor x 0.65 (65% efficiency).
This will give Free Air Delivery (FAD).
This can now be related to required air for air tools (each one different).

EXAMPLE:

Displacement volume = 475/min
Free Air Delivery (FAD) = 475 x 0.65 = 309/min

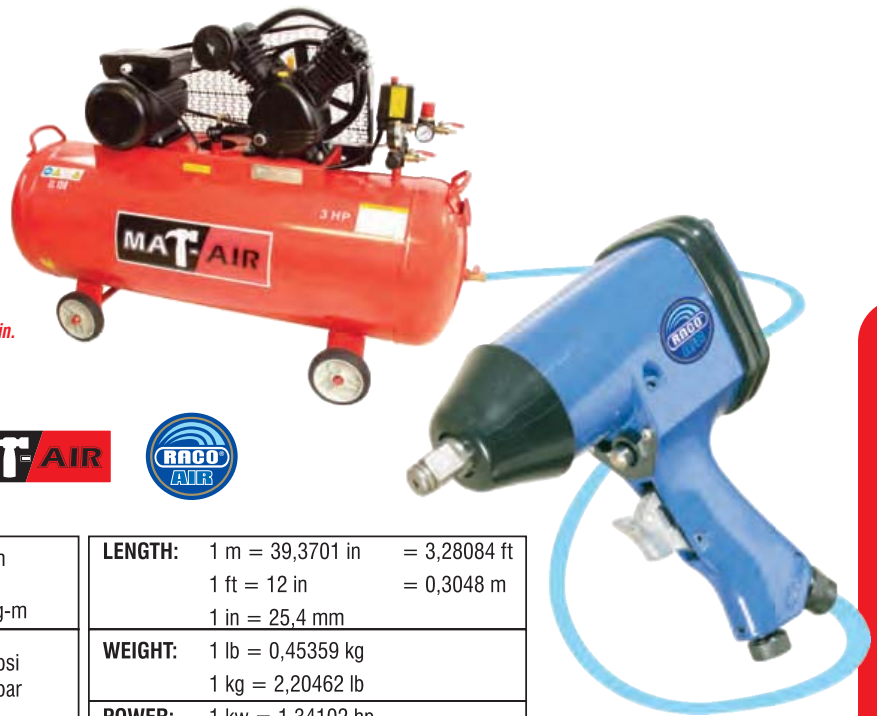
Air tool requirement = 200/min
FAD requirement = 200 ÷ 0.65 = 308/min

The nett result from the compressor would be sufficient to run the air tool providing that the use was not continuous.

For continuous use of the air tool the nett result from the compressor should be at least 20% higher than the tool's FAD requirement i.e. 370l/min. This would not put unnecessary strain on the compressor motor.

Moisture in the Air Line

An inherent property of compressed air is that it always contains moisture. Much of this moisture can be removed by using an air filter with a water trap. However, a small amount of water will always reach the tool. Moisture is an air tool's greatest enemy as it can create corrosion which can affect performance or at worst seize the motor. In order to eliminate this threat, three to four drops of air tool oil can be added to the inlet after use and running for a few seconds will prevent corrosion and line the inside surfaces of the air motor with oil. Use proper air tool oil only, such as Air Turbine oil or Shell Tellus S22. Normal car oils are NOT suitable for use in air tools.



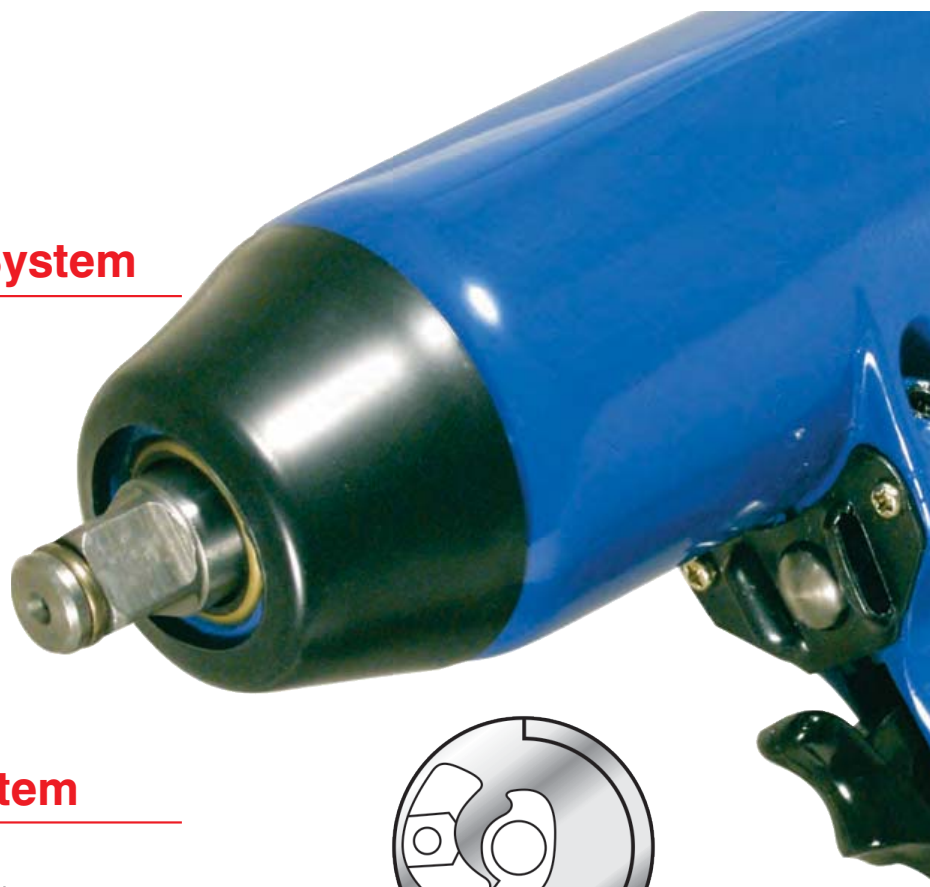
Conversion Factors

TORQUE:	1 in-lb = 0,1130 nm	= 0,0113 kg-m	LENGTH:	1 m = 39,3701 in	= 3,28084 ft
	1 ft-lb = 1,35582 nm	= 0,138 kg-m		1 ft = 12 in	= 0,3048 m
	1 nm = 0,737562 ft-lb	= 0,101972 kg-m		1 in = 25,4 mm	
PRESSURE:	1 bar = 1,0197162 kg/cm ²	= 14,503768 psi	WEIGHT:	1 lb = 0,45359 kg	
	1 psi = 0,0703069 kg/cm ²	= 0,0689476 bar		1 kg = 2,20462 lb	
FLOW:	1 cfm = 28,3 l/m		POWER:	1 kw = 1,34102 hp	
				1 hp = 0,7457 kw	



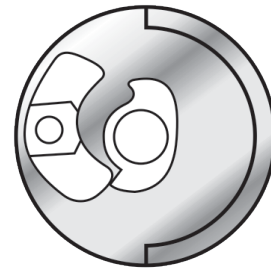
Rocking Dog Hammer System

- Single-hammer action type impact wrenches deliver an excellent torque to weight ratio.
- Simple to maintain.
- Positive trigger action for speed variation.
- Recommended for servicing applications in automotive garages and repair centres.

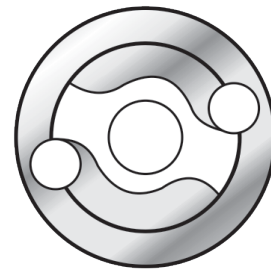


Pin Clutch Hammer System

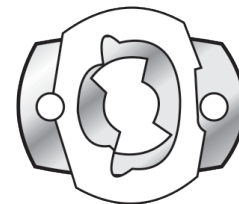
- Fast tightening and loosening with strong, fast air motor.
- The well balanced, low vibration impact mechanism and negligible torque reaction ensures low operator fatigue.
- Light-weight.
- Designed for heavy industry applications and high speed process lines.
- Flexible - each tool has a wide torque range to suit many applications.
- Ideal for truck engine work and general heavy maintenance.



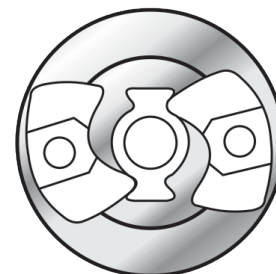
Rocking Dog Hammer System



Pin Clutch Hammer System



Twin Hammer System



Two Hammer System

- Twin hammer impacts ensure balanced torque.
- More power than pin clutch systems.
- Easy operation, low-cost maintenance, superior performance.
- More sensitive to air pressure regulation than other tools.

Two Hammer System

- Double hammer type impact wrenches offer well-balanced fastening and loosening performance with minimal torque reaction. This ensures longer life of impact clutch.
- Great flexibility - each tool has a wide torque range to suit many applications.
- Ideal for general industry, automotive repair and body-shop applications.



HEAVY INDUSTRIAL DUTY, 13mm IMPACT WRENCH

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



Twin Hammer System

Specifications

Model	RAC7205	Average Air Consumption (CFM)	12
Square Drive	13mm	(LPM)	340
Capacity - Bolt Size	16mm	Nett Weight (kg)	2,5
Free Speed	7000 RPM	Work Air Pressure (PSI)	90
Max. Torque (Nm / ft-lb)	541/400	(Bar)	6,3
Overall Length	185mm	Compressor HP (min.)	5,5
Air Inlet (PT)	1/4" BSP	See Product Code	AIR2150
Air Hose (ID)	10mm	Packing	Each



HEAVY INDUSTRIAL DUTY, 20mm IMPACT WRENCH

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



Twin Hammer System

Specifications

Model	RAC7210	Average Air Consumption (CFM)	14
Square Drive	20mm	(LPM)	396
Capacity - Bolt Size	25mm	Nett Weight (kg)	4,55
Free Speed	6500 RPM	Work Air Pressure (PSI)	90
Max. Torque (Nm / ft-lb)	1015/750	(Bar)	6,3
Overall Length	228mm	Compressor HP (min.)	5,5
Air Inlet (PT)	1/4" BSP	See Product Code	AIR2150
Air Hose (ID)	10mm	Packing	Each



HEAVY INDUSTRIAL DUTY, 25mm IMPACT WRENCH

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



Twin Hammer System

Specifications

Model	RAC7220	Average Air Consumption (CFM)	23,5
Square Drive	25mm	(LPM)	665
Capacity - Bolt Size	45mm	Nett Weight (kg)	9,3
Free Speed	4000 RPM	Work Air Pressure (PSI)	90 - 114
Max. Torque (Nm / ft-lb)	2167/1800	(Bar)	4,3 - 8,0
Overall Length	381mm	Compressor HP (min.)	10
Air Inlet (PT)	1/2" BSP	See Product Code	AIR2200
Air Hose (ID)	13mm	Packing	Each



HEAVY INDUSTRIAL DUTY, 25mm IMPACT WRENCH - 150MM ANVIL

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



Twin Hammer System

Specifications



Model	RAC7200	Average Air Consumption (CFM)	25
Square Drive	25mm	(LPM)	708
Capacity - Bolt Size	45mm	Nett Weight (kg)	9,3
Free Speed	3500 RPM	Work Air Pressure (PSI)	90
Max. Torque (Nm / ft-lb)	2440/1600	(Bar)	6,3
Overall Length	300/450mm	Compressor HP (min.)	10
Air Inlet (PT)	1/2" BSP	See Product Code	AIR2200
Air Hose (ID)	13mm	Packing	Each



HEAVY INDUSTRIAL DUTY, 25mm IMPACT WRENCH - 150MM ANVIL

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



Twin Hammer System

Specifications



Model	RAC7215	Average Air Consumption (CFM)	25
Square Drive	25mm	(LPM)	708
Capacity - Bolt Size	45mm	Nett Weight (kg)	10,6
Free Speed	3500 RPM	Work Air Pressure (PSI)	90
Max. Torque (Nm / ft-lb)	2440/1600	(Bar)	6,3
Overall Length	300/450mm	Compressor HP (min.)	10
Air Inlet (PT)	1/2" BSP	See Product Code	AIR2200
Air Hose (ID)	13mm	Packing	Each



HEAVY INDUSTRIAL DUTY, 6mm MINI DIE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the workpiece
- Designed for prolonged use in heavy industrial applications



Specifications

Model	RAC7320	Average Air Consumption (CFM)	4
Capacity / Disc Diameter	6mm	(LPM)	560
Overall Length	194mm	Nett Weight (kg)	0,78
Free Speed	18000 RPM	Work Air Pressure (PSI)	90
Air Inlet (PT)	1/4" BSP	(Bar)	6,2
Air Hose (ID)	10mm	Compressor HP (min.)	3
		See Product Code	AIR2050/ 70/90
		Packing	Each



HEAVY INDUSTRIAL DUTY, 6mm EXTRA LONG DIE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the workpiece
- Designed for prolonged use in heavy industrial applications



Specifications

Model	RAC7325	Average Air Consumption (CFM)	20
Capacity / Disc Diameter	6mm	(LPM)	560
Overall Length	338mm	Nett Weight (kg)	1,36
Free Speed	18000 RPM	Work Air Pressure (PSI)	90
Air Inlet (PT)	1/4" BSP	(Bar)	6,3
Air Hose (ID)	10mm	Compressor HP (min.)	3
		See Product Code	AIR2050/70/90
		Packing	Each



HEAVY INDUSTRIAL DUTY, 100mm ANGLE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Heavy duty spiral bevel gearing in angled head for long tool life and low vibration
- Fitted with lever type throttle
- Removable side handle allows for increased maneuverability
- Suitable for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminium



Specifications

Model	RAC7350	Average Air Consumption (CFM)	9
Capacity / Disc Diameter	100mm	(LPM)	255
Spindle Thread	3/8 UNF	Nett Weight (kg)	1,3
Overall Length	246mm	Work Air Pressure (PSI)	90
Free Speed	13600 RPM	(Bar)	6,3
Air Inlet (PT)	1/4" BSP	Compressor HP (min.)	5,5
Air Hose (ID)	10mm	See Product Code	AIR2150
		Packing	Each



HEAVY INDUSTRIAL DUTY, 180mm ANGLE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Heavy duty spiral bevel gearing in angled head for long tool life and low vibration
- Fitted with lever type throttle

- Removable side handle allows for increased maneuverability
- Suitable for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminium



Specifications

Model	RAC7390	Average Air Consumption (CFM)	25
Capacity / Disc Diameter	180mm	(LPM)	635
Spindle Thread	M14 x 2	Nett Weight (kg)	2,9
Overall Length	300mm	Work Air Pressure (PSI)	90
Free Speed	7600 RPM	(Bar)	6,3
Air Inlet (PT)	3/8" BSP	Compressor HP (min.)	10
Air Hose (ID)	13mm	See Product Code	AIR2200
		Packing	Each



HEAVY INDUSTRIAL DUTY, 13mm REVERSIBLE DRILL

- Powerful air motor resists stalls and conserves energy
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Designed for prolonged use in heavy industrial applications, engine work, auto body shops etc.



Specifications

Model	RAC7409	Average Air Consumption (CFM)	10
Capacity / Size	13mm	Average Air Consumption (LPM)	283
Overall Length	228mm	Nett Weight (kg)	1,8
Free Speed	500 RPM	Work Air Pressure (PSI)	90
Air Inlet (PT)	1/4" BSP	Work Air Pressure (Bar)	6,3
Air Hose (ID)	10mm	Compressor HP (min.)	5,5
		See Product Code	AIR2150
		Packing	Each



HEAVY INDUSTRIAL DUTY NAILER

- Aluminium alloy housing is rugged yet lightweight
- Positive trigger action
- Slim magazine for accessibility into tight spaces and improved visibility of the workpiece
- Ideal for installing panels, assembling crates, palettes and boxes and many other applications
- For nails please see page 81
- Nails from 20mm to 50mm available in boxes of 2500



Specifications

Model	RAC8015N	Average Air Consumption (CFM)	0,9
Capacity / Size	T20 - T50	Average Air Consumption (LPM)	25,7
Overall Length	280mm	Nett Weight (kg)	1,5
Overall Height	245mm	Work Air Pressure (PSI)	90
Air Inlet (PT)	1/4" BSP	Work Air Pressure (Bar)	6,3
Air Hose (ID)	10mm	Compressor HP (min.)	5,5
		See Product Code	AIR2150
		Packing	Each



HEAVY INDUSTRIAL DUTY RIVETER

- Specially profiled 3 piece jaw set made from high grade tool steel
- Comfortable, extra long lever mechanism facilitates ease of use
- Employing the croken mandrel vacuum absorption system which reduces air consumption and allows for maximum efficiency on downward riveting



Specifications

Model	RAC7438	Average Air Consumption (CFM)	0,11
Capacity / Size	2,4 - 7,3mm	Average Air Consumption (LPM)	3,14
Traction Power	1420kg	Nett Weight (kg)	2,4
Stroke Length	18mm	Work Air Pressure (PSI)	90
Overall Length	317mm	Work Air Pressure (Bar)	6,3
Air Inlet (PT)	1/4" BSP	Compressor HP (min.)	5,5
Air Hose (ID)	10mm	See Product Code	AIR2000/20/30
		Packing	Each



HEAVY INDUSTRIAL DUTY NEEDLE SCALER

- Positive trigger control
- Powerful strike action
- Used for rapid descaling of metal



Specifications

Model	RAC8402	Average Air Consumption (CFM)	10
Capacity / Size	3mm Needle	Average Air Consumption (LPM)	283
Blows Per Min.	2200	Nett Weight (kg)	5,9
Overall Length	508mm	Work Air Pressure (PSI)	90
Air Inlet (PT)	1/4" BSP	Work Air Pressure (Bar)	6,3
Air Hose (ID)	10mm	Compressor HP (min.)	5,5
		See Product Code	AIR2150
		Packing	Each



INDUSTRIAL DUTY, 13mm IMPACT WRENCH

- Rocking dog hammer system wrench delivers an excellent torque to weight ratio
- Simple to maintain
- Positive action trigger for speed variation
- Available with regular anvil
- Recommended for servicing applications in automotive garages and repair centres



Rocking Dog Hammer System

Specifications

Model	RAC7420	Average Air Consumption (CFM)	4
Square Drive	13mm	Average Air Consumption (LPM)	113
Capacity - Bolt Size	16	Nett Weight (kg)	2,4
Free Speed	7000	Work Air Pressure (PSI)	90
Max. Torque (Nm / ft-lb)	311/230	Work Air Pressure (Bar)	6,3
Overall Length	178	Compressor HP (min.)	3
Air Inlet (PT)	1/4" BSP	See Product Code	AIR2050/70/90
Air Hose (ID)	10mm	Packing	Each



INDUSTRIAL DUTY, 13mm IMPACT WRENCH

- Pin clutch develops up to 320ft-lbs of torque utility
- Fast tightening and loosening with strong, fast air motor
- The well balanced, low vibration impact mechanism and negligible torque reaction ensures low operator fatigue
- Lightweight
- Designed for industrial applications and high speed process lines
- Flexible - Each tool has a wide torque range to suit many applications
- Ideal for truck engine work and general heavy maintenance



Pin Clutch Hammer System

Specifications

Model	RAC7421	Average Air Consumption (CFM)	4
Square Drive	13mm	Average Air Consumption (LPM)	113
Capacity - Bolt Size	16	Nett Weight (kg)	2,4
Free Speed	7000	Work Air Pressure (PSI)	90
Max. Torque (Nm / ft-lb)	432/320	Work Air Pressure (Bar)	6,3
Overall Length	178	Compressor HP (min.)	3
Air Inlet (PT)	1/4" BSP	See Product Code	AIR2050/70/90
Air Hose (ID)	10mm	Packing	Each



INDUSTRIAL DUTY, 20mm IMPACT WRENCH

- Pin clutch develops up to 700ft-lbs of torque utility
- Fast tightening and loosening with strong, fast air motor
- Lightweight and well balanced, low vibration impact mechanism and negligible torque reaction ensures low operator fatigue
- Designed for heavy industrial applications and high speed process lines
- Flexible - each tool has a wide torque range to suit many applications
- Ideal for truck engine work and general heavy maintenance



Pin Clutch Hammer System

Specifications

Model	RAC7425	Average Air Consumption (CFM)	7
Square Drive	20mm	Average Air Consumption (LPM)	198
Capacity - Bolt Size	25	Nett Weight (kg)	4,8
Free Speed	4800	Work Air Pressure (PSI)	90
Max. Torque (Nm / ft-lb)	941/700	Work Air Pressure (Bar)	6,3
Overall Length	241	Compressor HP (min.)	3
Air Inlet (PT)	1/4" BSP	See Product Code	AIR2050/70/90
Air Hose (ID)	10mm	Packing	Each



INDUSTRIAL DUTY, 13mm IMPACT WRENCH KIT (17 PIECE)

- Recommended for servicing applications in automotive garages and repair centres
- Same specifications as RIC7420

Contents:
 13mm Impact Wrench **RAC7420**
 10 Sockets: 9,10, 11, 13, 15, 17, 19, 21, 22, 24mm
 1 x 125mm Extension Bar

1 x Oil Bottle
 1 x Hex Wrench
 1 x Nipple
 1 x Mini Oiler
 1 x Plastic Case

Model	Size
RAC7430	17 Piece



Rocking Dog Hammer System



INDUSTRIAL DUTY, 13mm IMPACT WRENCH KIT (17 PIECE)

- Ideal for truck engine work and general heavy maintenance
- Same specifications as RIC7421

Contents:
 13mm Impact Wrench **RAC7421**
 10 Sockets: 9,10, 11, 13, 15, 17, 19, 21, 22, 24mm
 1 x 125mm Extension Bar
 1 x Oil Bottle

1 x Hex Wrench
 1 x Nipple
 1 x Mini Oiler
 1 x Plastic Case

Model	Size
RAC7431	17 Piece



Pin Clutch Hammer System



INDUSTRIAL DUTY, 13mm RATCHET WRENCH

- Recommended for servicing applications in automotive garages and repair centres
- Compact head design allows greater flexibility in tight areas
- East-to-grip reverse lever for simple directional change
- Hardened gears allow greater durability over other economically priced ratchets
- Applications: Removing and installing spark plugs, radiators, water pumps and exhaust systems
- **Ultimate torque by hand**

Model	RAC7452
Size	13mm
Maximum Torque (Nm/ft-lb)	68/50
Overall Length mm	254
Free Speed RPM	160
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air Consumption (CFM)	3,9
(LPM)	110

Specifications

Nett Weight (kg)	1,1
Work Air Pressure (PSI)	90
(Bar)	6,3
Compressor HP (min.)	1,5
See Product Code	AIR2050/70/90
Packing	Each



INDUSTRIAL DUTY, 13mm RATCHET WRENCH KIT

- Same specifications as RIC7452

Contents:
 13mm Impact Wrench **RAC7452**
 7 Sockets: 9,10, 11, 13, 14, 17, 19mm
 1 x 6mm x 74mm "L" Extension Bar

1 x Oil Bottle
 1 x Adaptor
 1 x Plastic Case

Model	Size
RAC7451	16 Piece





INDUSTRIAL DUTY, 6mm MINI DIE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the work piece



Specifications

Model	RAC7435	Average Air Consumption (CFM)	6,5
Capacity / Disc Diameter	6	Average Air Consumption (LPM)	184
Overall Length	160	Nett Weight (kg)	0,4
Free Speed	25000	Work Air Pressure (PSI)	90
Air Inlet (PT)	1/4" BSP	Work Air Pressure (Bar)	6,3
Air Hose (ID)	10mm	Compressor HP (min.)	3
		See Product Code	AIR2050/70/90
		Packing	Each



INDUSTRIAL DUTY, 6mm EXTRA LONG DIE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the workpiece



Specifications

Model	RAC7436	Average Air Consumption (CFM)	6,5
Capacity / Disc Diameter	6	Average Air Consumption (LPM)	184
Overall Length	260	Nett Weight (kg)	0,6
Free Speed	25000	Work Air Pressure (PSI)	90
Air Inlet (PT)	1/4" BSP	Work Air Pressure (Bar)	6,3
Air Hose (ID)	10mm	Compressor HP (min.)	3
		See Product Code	AIR2050/70/90
		Packing	Each



INDUSTRIAL DUTY, 100mm ANGLE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Spiral bevel gearing in angled head for long tool life and low vibration
- Removable dead handle allows access to work in restricted areas
- Suitable for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminium



Specifications

Model	RAC7400	Average Air Consumption (CFM)	7,5
Capacity / Disc Dia. mm	100	Average Air Consumption (LPM)	212
Spindle Thread	3/8 UNF	Nett Weight (kg)	1,8
Overall Length	230	Work Air Pressure (PSI)	90
Free Speed	11000	Work Air Pressure (Bar)	6,3
Air Inlet (PT)	1/4" BSP	Compressor HP (min.)	3
Air Hose (ID)	10mm	See Product Code	AIR2050/70/90
		Packing	Each



INDUSTRIAL DUTY, 180mm ANGLE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Spiral bevel gearing in angled head for long tool life and low vibration
- Removable dead handle allows access to work in restricted areas
- Suitable for weld preparation and smoothing, rust removal, de-burring and blending of steel, cast iron and aluminium



Specifications

Model	RAC7405	Average Air Consumption (CFM)	16,5
Capacity / Disc Dia. mm	180	Average Air Consumption (LPM)	467
Spindle Thread	Spline	Nett Weight (kg)	3,2
Overall Length	343	Work Air Pressure (PSI)	90
Free Speed	7000	Work Air Pressure (Bar)	6,3
Air Inlet (PT)	3/8" BSP	Compressor HP (min.)	7,5
Air Hose (ID)	13mm	See Product Code	AIR2180
		Packing	Each



INDUSTRIAL DUTY, 10mm DRILL

- Powerful air motor resists stalls and conserves energy
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for all industrial applications, engine work, auto body shops etc.



Specifications

Model	RAC7407	Average Air Consumption (CFM)	6
Capacity	10mm	Average Air Consumption (LPM)	170
Spindle Thread	3/8" x 24	Nett Weight (kg)	1,13
Free Speed RPM	1800	Work Air Pressure (PSI)	90
Overall Length mm	165	Work Air Pressure (Bar)	6,3
Air Inlet (PT)	1/4" BSP	Compressor HP (min.)	3
Air Hose (ID)	10mm	See Product Code	AIR2050/70/90
		Packing	Each



INDUSTRIAL DUTY, 10mm REVERSIBLE DRILL

- Powerful air motor resists stalls and conserves energy
- Fully reversible action
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for all industrial applications, engine work, auto body shops etc.



Specifications

Model	RAC7410	Average Air Consumption (CFM)	6
Capacity	10mm	Average Air Consumption (LPM)	170
Spindle Thread	3/8" x 24	Nett Weight (kg)	1,13
Free Speed RPM	1800	Work Air Pressure (PSI)	90
Overall Length mm	165	Work Air Pressure (Bar)	6,3
Air Inlet (PT)	1/4" BSP	Compressor HP (min.)	3
Air Hose (ID)	10mm	See Product Code	AIR2050/70/90
		Packing	Each



INDUSTRIAL DUTY, 13mm REVERSIBLE DRILL

- Powerful air motor resists stalls and conserves energy
- Fully reversible action
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for all industrial applications, engine work, auto body shops etc.



Specifications

Model	RAC7415	Average Air Consumption (CFM)	8
Capacity	13mm	Average Air Consumption (LPM)	226
Spindle Thread	3/8" x 24	Nett Weight (kg)	1.82
Free Speed RPM	400	Work Air Pressure (PSI)	90
Overall Length mm	180	Work Air Pressure (Bar)	6,3
Air Inlet (PT)	1/4" BSP	Compressor HP (min.)	3
Air Hose (ID)	10mm	See Product Code	AIR2050/70/90
		Packing	Each



INDUSTRIAL DUTY HAMMERS

- Powerful air motor resists stalls and conserves energy
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for all industrial applications, engine work, auto body shops etc.



Specifications

	150mm AIR HAMMER	190mm AIR HAMMER	250mm AIR HAMMER
Model	RAC2010	RAC2020	RAC2030
Chisel Shank (Round)	0.401	0.401	0.401
Bore Diameter (ID) in./mm	3/4" 19.05	3/4" 19.05	3/4" 19.05
Piston Stroke Length mm	41	66	92
Blow Per Min (RPM)	4500	3000	2200
Overall Length mm	133	178	216
Air Inlet (PT)	1/4" BSP	1/4" BSP	1/4" BSP
Air Hose (ID)	10mm	10mm	10mm
Average Air Consumption (CFM)	10	10	10
Average Air Consumption (LPM)	283	283	283
Nett Weight (kg)	1.4	1.6	2.04
Work Air Pressure (PSI)	90	90	90
Work Air Pressure (Bar)	6.3	6.3	6.3
Compressor HP (min.)	5,5	5,5	5,5
See Product Code	AIR2150	AIR2150	AIR2150
Packing	Each	Each	Each



INDUSTRIAL DUTY, CLUTCH TYPE SCREWDRIVER

- Cushion-clutch type is used in this series
- There is little friction and very little torque build up
- Vibration is minimised to the operator and workpiece
- Smooth operation and increased clutch life



Specifications

Model	RAC7449	Average Air Consumption (CFM)	4
Hex Shank Size	6,35mm	Average Air Consumption (LPM)	113
Bit Capacity mm	6	Nett Weight (kg)	1,14
Free Speed RPM	1800	Work Air Pressure (PSI)	90
Max Torque (in-lbs)	45 - 45	Work Air Pressure (Bar)	6,3
Max Torque (kgs-cm)	52 - 130	Compressor HP (min.)	3
Overall Length mm	178	See Product Code	AIR2050/70/90
Air Inlet (PT)	1/4" BSP	Packing	Each
Air Hose (ID)	10mm		



INDUSTRIAL DUTY CAULKING GUN

- Uses standard 310ml caulking cartridges
- Metal frame
- Rubber plunger
- Non-drip



Specifications

Model	RAC7406	Average Air Consumption (CFM)	6
Cartridge Size mm	50 x 213	Average Air Consumption (LPM)	56
Overall Length mm	305	Nett Weight (kg)	1,1
Air Inlet (PT)	1/4" BSP	Work Air Pressure (PSI)	90
Air Hose (ID)	6mm	Work Air Pressure (Bar)	6,3
		Compressor HP (min.)	2
		See Product Code	AIR2000/20/30
		Packing	Each



INDUSTRIAL DUTY, 2,4 - 4,8mm RIVETER

- Specially profiled three-piece jaw
- Comfortable extra long lever mechanism



Specifications

Model	RAC7433	Average Air Consumption (CFM)	0,03
Capacity	2,4 - 4,8mm	Average Air Consumption (LPM)	0,85
Traction Power Kg	720	Nett Weight (kg)	1,5
Stroke Length mm	14	Work Air Pressure (PSI)	90
Overall Length mm	230	Work Air Pressure (Bar)	6,3
Air Inlet (PT)	1/4" BSP	Compressor HP (min.)	2
Air Hose (ID)	10mm	See Product Code	AIR2000/20/30
		Packing	Each



INDUSTRIAL DUTY, 2,4 - 4,8mm RIVETER KIT (85 PIECE)

- Specially profiled three-piece jaw
- Comfortable extra long lever mechanism
- Blow moulded case

Model	Size
RAC7439	85 Piece

Contents:

1 x Air Riveter 2,4 - 4,8mm	10 x Rivet 2,4mm	1 x Valve Pusher Spring
RAC7433 (Specifications as above)	1 x Mini Oiler	1 x Jaw Pusher Spring
1 x Joint Nut	1 x Blow Case	1 x Nose Piece 4,8mm
1 x Air Hose Joint 1/4"	1 x Jaw Case	1 x Nose Piece 4,0mm
1 x Air Hose Joint 5/16"	1 x Jaw Case Joint	1 x Nose Piece 3,2mm
10 x Rivet 4,8mm	1 x Jaw	1 x Nose Piece 2,4mm
10 x Rivet 4,0mm	1 x Jaw Pusher	1 x Frame Brass Joint
10 x Rivet 3,2mm	1 x Return Spring A	1 x Spanner Gauge
	1 x Return Spring B	1 x Spanner





INDUSTRIAL DUTY, 10-22mm STAPLER

- Aluminium alloy housing is rugged yet lightweight
- Positive trigger action
- Slim magazine for accessibility into tight spaces and improved visibility of the workpiece
- Ideal for installing panels, mouldings, cabinets and furniture manufacture



Specifications

Model	RAC8405	Work Air Pressure	(PSI)	90
Size	10 - 22mm	(Bar)	6,3	
Crown	11,2mm (20 Gauge)	Compressor HP (min.)	2	
Air Inlet (PT)	1/4" BSP	See Product Code	AIR2000/20/30	
Air Hose (ID)	10mm	Packing	Each	
Length mm	250			
Height mm	170			
Nett Weight (kg)	1,1			



INDUSTRIAL DUTY, 4-16mm STAPLER

- Aluminium alloy housing is rugged yet lightweight
- Positive trigger action
- Slim magazine for accessibility into tight spaces and improved visibility of the workpiece
- Ideal for installing panels, mouldings, cabinets and furniture manufacture



Specifications

Model	RAC8410N	Work Air Pressure	(PSI)	90
Size	4 - 16mm	(Bar)	6,3	
Crown	9,1mm (22 Gauge)	Compressor HP (min.)	2	
Air Inlet (PT)	1/4" BSP	See Product Code	AIR2000/20/30	
Air Hose (ID)	10mm	Packing	Each	
Length mm	225			
Height mm	145			
Nett Weight (kg)	0,9			



INDUSTRIAL DUTY NAILER

- Aluminium alloy housing is rugged yet lightweight
- Positive trigger action
- Slim magazine for accessibility into tight spaces and improved visibility of the workpiece
- Ideal for installing panels, assembling crates, palletes and boxes and many other applications

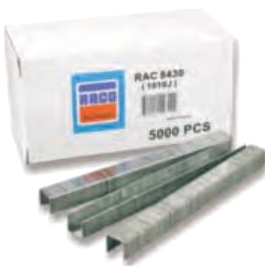


Specifications

Model	RAC8010	Work Air Pressure	(PSI)	90
Size	F10 - F30	(Bar)	6,3	
Crown	18 Gauge	Compressor HP (min.)	2	
Air Inlet (PT)	1/4" BSP	See Product Code	AIR2000/20/30	
Air Hose (ID)	10mm	Packing	Each	
Length mm	245			
Height mm	185			
Nett Weight (kg)	1,1			



STAPLES



Staples - 20 Gauge with 11,2mm Crown (for RAC8405)		Staples - 22 Gauge with 9,1mm Crown (for RAC8410N)	
Part No.	Size	Part No.	Size
RAC8430	10mm	RAC8435	10mm
RAC8445	13mm	RAC8440	13mm
RAC8454	16mm	RAC8459	16mm
RAC8464	19mm		
RAC8469	22mm		

Packed in Boxes of 5000

Packed in Boxes of 10000



NAILS



Nails - 18 Gauge (for RAC8010)			Nails - 16 Gauge (for RAC8015N)		
Part No.	Ref.	Size	Part No.	Ref.	Size
RAC8080	F15	15mm	RAC8030	T20	20mm
RAC8085	F20	20mm	RAC8035	T25	25mm
RAC8090	F25	25mm	RAC8040	T32	32mm
RAC8095	F30	30mm	RAC8045	T38	38mm
RAC8400	F32	32mm	RAC8060	T45	45mm
			RAC8465	T50	50mm

Packed in Boxes of 2500

Packed in Boxes of 2500

Air Tools & Compressors



INDUSTRIAL DUTY DUAL ACTION SANDER

- Powerful air motor
- Teasing throttle provides precise control
- Accepts stick on or velcro style 150mm Ø sanding pads
- Suitable for panel beating shops, furniture manufacturers and a host of industrial applications



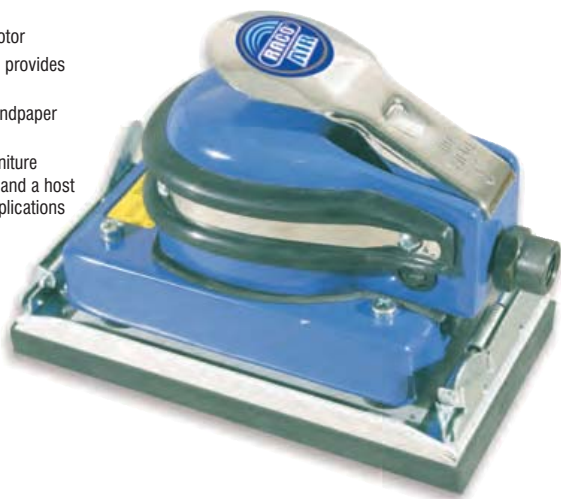
Specifications

Model	RAC7440	Average Air Consumption (CFM)	7
Sandpaper	152mm Ø	Average Air Consumption (LPM)	198
Spindle Thread	5/16" - 24NF	Nett Weight (kg)	1,8
Free Speed RPM	10000	Work Air Pressure (PSI)	90
Overall Size mm	254	Work Air Pressure (Bar)	6,3
Air Inlet (PT)	1/4" BSP	Compressor HP (min.)	3
Air Hose (ID)	10mm	See Product Code	AIR2050/70/90
		Packing	Each



INDUSTRIAL DUTY ORBITAL SANDER

- Powerful air motor
- Teasing throttle provides precise control
- Extra strong sandpaper grips
- Suitable for furniture manufacturers and a host of industrial applications



Specifications

Model	RAC7445	Average Air Consumption (CFM)	7
Sandpaper	93 x 176mm	Average Air Consumption (LPM)	198
Free Speed RPM	8000	Nett Weight (kg)	1,9
Overall Size mm	187	Work Air Pressure (PSI)	90
Air Inlet (PT)	1/4" BSP	Work Air Pressure (Bar)	6,3
Air Hose (ID)	10mm	Compressor HP (min.)	3
		See Product Code	AIR2050/70/90
		Packing	Each



INDUSTRIAL DUTY, 180mm VERTICAL POLISHER

- Powerful air motor
- Flexible PVC, 180mm Ø polished head accepts standard fleece pads
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for panel beating shops, furniture manufacturers and a host of industrial applications



Specifications

Model	RAC7450
Buffer Size	180mm Ø
Spindle Thread	5/8" - 11 UNC
Free Speed RPM	2000
Overall Size mm	190
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air Consumption (CFM)	9
Average Air Consumption (LPM)	255
Nett Weight (kg)	1,86
Work Air Pressure (PSI)	90
Work Air Pressure (Bar)	6,3
Compressor HP (min.)	5,5
See Product Code	AIR2150
Packing	Each



GENERAL AIRBRUSH KIT

- Suitable for general artwork, drawings and art student use



Specifications

Model	RAC1002	Glass Jars	22cc, 60cc
Body Length mm	143	PVC Air Hose mm	1860
Nozzle mm	0.35	Metal Hanger	1 Piece
Control	Push-Button	Spanner	1 Piece
Spray	Adjustable	Operating Air Pressure	0,7 - 2,5 kg/cm ²
Metal Cup	5cc		



STANDARD AIRBRUSH KIT

- Suitable for any artwork such as photo-retouching, fine drawings, illustrations, precise crafts, hobbyists and plastic models



Specifications

Model	RAC1013	Spray	Adjustable
Body Length mm	93 x 228	Metal Cup	2cc, 5cc, 13cc
Nozzle mm	3	Spanner	1 Piece
Control	Push-Button	Operating Air Pressure	0.7 - 25 kg/cm ²



TOUCH-UP SPRAY GUN GRAVITY FEED

- Gravity feed spray gun for small touch up applications
- Hobbyist use
- Bowl size 200 ml
- Maximum pressure - 1.6 bar



Part No.	Size
MTS4585	7oz



SPRAY GUN - GRAVITY FEED

- Gravity feed spray gun with a 0.4 litre paint tank
- Pressure 60 - 100PSI
- Air consumption from 100 - 200 L/min 3.5 - 7 CFM
- Nozzle size 1,8mm



Part No.	Size
MTS4592	0,4 Litre



HIGH PRESSURE SPRAY GUN PROFESSIONAL

- 1litre Capacity
- 50 - 80 PSI
- Nozzle size 1,7mm
- Air consumption from 200 - 340 L/min 7 - 12 CFM



Part No.	Size
MTS4587	1 Litre



LOW PRESSURE SPRAY GUN

- A low pressure spray gun for general use
- Max pressure 20 - 40 psi
- Nozzle size 1,5 mm
- Air consumption 0.2 cfm 5.7 l/min



Part No.	Size
MTS4594	1 Litre



HIGH PRESSURE SPRAY GUN

- A high pressure spray gun for general use
- Pressure 50 – 80 psi
- Nozzle size 1.5 mm
- Air consumption from 100 – 200 L/min 7 – 12 cfm



Part No.	Size
MTS4593	1 Litre



HIGH PRESSURE AIR KIT

- All general purpose spray gun accessory kit comprising the following;
- High pressure, quality spray gun
- Body washing gun
- Tyre inflating gun with accurate gauge
- Air duster gun
- 5 metre recoil hose which fits all accessories
- Supplied with 3 x spare 1/4" nozzles



Part No.	Size
MTS4591	5 Piece



PAINT TANK + SPRAY GUN

- Portable spray painting unit
- Kit comprises tank, hose, gauge and spray gun
- Tank capacity 10 litres of paint
- Tank is pressurised from the compressor to aid paint delivery
- Equipped with safety valve operating at 5 bar to prevent over pressurisation
- Leak proof tank lid has 4 wing clamps to ensure effective seal



Specifications

Model	RAC1180	
Free Type	Pressure	
Standard Nozzle mm	1	
Capacity of Tank Litres	10	
Air Inlet (NPS)	1/4" BSP	
AIR Hose (NPS)	10mm	
Average Air Consumption	CFM	10
	LPM	283
Net Weight Kg	11	
Work Air Pressure PSI	30-50	
Work Air Pressure BAR	2,1-3,5	
Packing	Each	
Compressor HP (min.)	5,5	
See Product Code	AIR2150	



PARAFFIN SPRAY GUN

- Screw coupling
- 1 litre capacity
- Pressure 4-8 Bar
- Suitable for all types of liquid



Part No.	Size
HON8050	1 Litre



AIR DUSTER GUN

- A single action air tool which delivers a direct jet of compressed air
- Ideal for clearing debris and dust from the workpiece



Part No.	Pressure
MTS2430	4-8 Bar

Sykes-Pickavant BLOW GUN - 027600

- Used for cleaning carburettor jets, fuel lines, brake pipes
- Gun has an infinitely variable air flow with fingertip control
- Suitable for dispensing of some low viscosity fluids
- High velocity 100mm nozzle, cranked for easy access
- High impact resistant body
- Body threaded 1/4" BSP to accept a quick coupler if required



Part No.
SYK027600

Sykes-Pickavant TYRE PRESSURE DIAL GAUGE - 660740

- An easy to read, shock protected dual scale gauge for cars and light commercial vehicles
- Manufactured in accordance with BS 4613



Code	Size
SYK660740	Length : 90mm Diameter : 62mm Scale : 0-3.5 bar

MTS QUALITY TOOLS TYRE INFLATING GUN

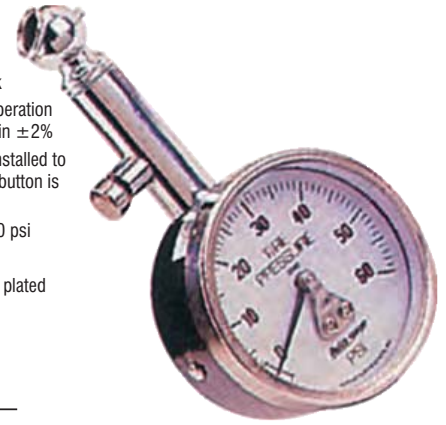
- Accurate gauge marked in PSI, kg/cm² and kPa with protective rubber shroud
- Deflating button
- Valve clip
- 400mm hose



Part No. | **Pressure**
MTS6400 | 0-12 Bar

RACO GAUGE - TYRE DIAL PRECISION - RT7/131B

- With Zinc Alloy angle chuck
- Super accurate, gearless operation elements for accuracy within $\pm 2\%$
- With bleeder, check valve installed to hold pressure until bleeder button is pushed
- 50mm dial with indicator 60 psi
- Shock resistant
- Metal housing with chrome plated brass stem
- Easy to read and carry



Code | **Size**
RIC1430 | 60 PSI

RACO AIR MINI OILERS

- Used as an in-line oiler for air tools
- Fits directly to the tool



Code No.	Size
RAC7490	3/8" BSP
RAC7491	1/4" BSP

MTS QUALITY TOOLS BRASS QUICK-FIT AIR COUPLER SET

- 5 piece solid brass fittings
- 3 x male connectors 1/4" BSP
- 1 x female connector 1/4" BSP
- 1 x quick coupler



Part No. | **Size**
HON0838 | 5 Piece

RACO AIR COMPRESSOR AIR HOSE + FITTINGS RUBBER

- Reinforced rubber hose
- Complete with fittings on both ends
- Fittings: 2 x ANI 0860 quick couplers
1 x ANI1530 threaded nipple 1/4" BSP female
1 x ANI1537 threaded nipple 1/4" BSP male
- Operating temperature -40°C - +80°C
- Maximum pressure 20 BAR



Code No.	Size
DAR1140	6mm x 10m
DAR1145	8mm x 10m
DAR1150	10mm x 10m

RACO AIR COMPRESSOR AIR HOSE RUBBER

- Reinforced rubber hose
- Complete with fittings on both ends
- Operating temperature -40°C - +80°C
- Maximum pressure 20 BAR



Code No.	Size	Packing	Code No.	Size	Packing
DAR1100	6mm	100m Roll	DAR1115	10mm	100m Roll
DAR1110	8mm	100m Roll	DAR1120	13mm	60m Roll

Air Tools & Compressors

	PART No.	DESCRIPTION/SIZE
	ANI0560	Tail Piece Male Thread 1/4" BSP x 6mm 10/E
	ANI0565	Tail Piece Male Thread 1/4" BSP x 8mm 10/E
	ANI0566	Tail Piece Male Thread 1/4" BSP x 10mm 10/E
	ANI0580	Tail Piece Male Thread 3/8" BSP x 6mm 10/E
	ANI0585	Tail Piece Male Thread 3/8" BSP x 9mm 10/E

	PART No.	DESCRIPTION/SIZE
	ANI1470	Reducer Nipple 1/2" BSP Male-3/8" BSP Female 33/R15
	ANI1500	Reducer Nipple 3/8" BSP Male-1/4" Female 33/R10

	PART No.	DESCRIPTION/SIZE
	ANI0600	Universal Quick Coupler 1/4" BSP Female 17/C
	ANI0605	Universal Quick Coupler 3/8" BSP Female 17/D

	PART No.	DESCRIPTION/SIZE
	ANI1510	Tailpiece Nipple 6mm EUR/3
	ANI1515	Tailpiece Nipple 8mm EUR/3
	ANI1520	Tailpiece Nipple 10mm EUR/3

	PART No.	DESCRIPTION/SIZE
	ANI0620	Universal Quick Coupler 1/4" BSP Male 17/A
	ANI0625	Universal Quick Coupler 3/8" BSP Male 17/B

	PART No.	DESCRIPTION/SIZE
	ANI1530	Threaded Nipple 1/4" BSP Female EUR/2
	ANI1533	Threaded Nipple 3/8" BSP Female EUR/2

	PART No.	DESCRIPTION/SIZE
	ANI0850	Universal Quick Coupler + Tailpiece 6mm 17E
	ANI0860	Universal Quick Coupler + Tailpiece 8mm 17E
	ANI0870	Universal Quick Coupler + Tailpiece 10mm 17E

	PART No.	DESCRIPTION/SIZE
	ANI1537	Threaded Nipple 1/4" BSP Male EUR/2
	ANI1540	Threaded Nipple 1/2" BSP Male EUR/2
	ANI1543	Threaded Nipple 3/8" BSP Male EUR/2

	PART No.	DESCRIPTION/SIZE
	ANI1405	Double Nipple 1/4" BSP x 1/4" BSP Male 33/N4

	PART No.
	ANI1160
	DESC./SIZE
Lubricator 1/4" BSP M/120/2	

PART No.	
ANI1290	ANI1295
DESC./SIZE	
Manometer 100KPA P40D 1/8" BSP 0-16 Bar	Manometer 100KPA P50D 1/8" BSP 0-16 Bar

PART No.	
ANI1620	ANI1625
DESC./SIZE	
Regulator, Filter, Lubricator 1/4" BSP	Regulator, Filter, Lubricator 1/2" BSP

PART No.	
AIRS2030-004	AIRS2030-005
DESC./SIZE	
Regulator, Filter, 3/8" BSP (L)	Regulator, Filter, 1/2" BSP (L)

PART No.
ANI1600
DESC./SIZE
Regulator 1/4" BSP M/150/2

PART No.
ANI1235
DESC./SIZE
Regulator Filter 1/4" BSP M/140/2

PART No.
ANI1040
DESC./SIZE
Filter 1/4" BSP M 100/2

DEFINING AIR CONSUMPTION

- Identify the tank capacity
- Completely fill the tank
- Measure the time taken for the pressure to fall from the maximum to a pressure 4 bars lower. (E.g. to fall from 10 to 6 bar)
- Calculate the consumption using the formula **N**

$$N = \frac{V \times P}{t} \times 60 = \text{L/min}$$

V = tank capacity in litres

P = max/min pressure differential
(min. advised value is 2 bar)

t = time required (in seconds) to go down from max to min pressure (while a plant is running)



To calculate the amount of air required **Q** (in L/min)

$$Q = \frac{\text{AIR}}{\beta}$$

β = MatAir range coefficient

Pressure range (bar)	10 - 8	8 - 6	6 - 4
Direct Drive	-	1,6	1,5
Belt Drive	1,6	1,5	1,4

N must never be **Q**

MAT AIR DIRECT DRIVE 24 LITRE SINGLE STAGE HOBBY COMPRESSOR

- Single cylinder, single stage compressor
- Lubricated coaxial compressor perfect for DIY use
- Cast iron cylinder
- Piston with compression rings with quick settings
- Air filter fitted to head
- On/Off pressure switch
- Pressure reducer with gauges
- Wheels and vibration-damping foot
- Overload protection of electric motor with manual reset
- Drain cock

Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM
AIR2000	24	220/1	2,0	1,5	195	7,0

FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Weight (Kg)
126	4,5	8	115	2850	1	26



MAT AIR DIRECT DRIVE 50 LITRE SINGLE STAGE HOBBY COMPRESSOR

- Single cylinder, single stage compressor
- Lubricated coaxial compressor perfect for DIY use
- Cast iron cylinder
- Piston with compression rings with quick settings
- Air filter fitted to head
- On/Off pressure switch
- Pressure reducer with gauges
- Wheels and vibration-damping foot
- Overload protection of electric motor with manual reset
- Drain cock

Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM
AIR2020	50	220/1	2,0	1,5	195	7,0

FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Weight (Kg)
126	4.5	8	115	2850	1	35



- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM
AIR2030	100	220/1	2	1,5	195	7,0

FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Weight (Kg)
126	4,5	8	115	1050	2V	85

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM
AIR2050	100	220/1	3	2,2	385	11.2

FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N ²	Weight (Kg)
250	8,9	8	115	1050	2V	1	90

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM
AIR2070	150	220/1	3	2,2	385	11.2

FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N ²	Weight (Kg)
250	8,9	8	115	1050	2V	1	108

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM	FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N ²	Weight (Kg)
AIR2090	200	220/1	3	2,2	385	11.2	250	8,9	8	115	1050	2V	1	130

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM	FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N ²	Weight (Kg)
AIR2150	250	380/1	5,5	4,0	740	20,46	480	17	8	115	950	2V	1	169

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM	FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N ²	Weight (Kg)
AIR2180	270	380/3	7,5	5,5	925	25	600	21,42	8	115	950	3W	1	204

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/Phase	HP	Kw	Displacement L/Min.	CFM	FAD L/Min.	CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N ²	Weight (Kg)
AIR2200	300	380/3	10	7,5	1385	36,75	900	32	8	115	830	3W	1	223

Taking Care Of Your Air Compressor For A Longer Life

Nothing at all stops an air compressor faster than the owner who doesn't read the owner's manual.

There's likely to be some simple tips inside too, that will help you to get good longevity out of your air compressor. Simple things to do which you would not have believed if you don't study it.

Plus, if you do not stick to the guidelines in your own compressor user manual there's an opportunity that you'll void your warranty.

As we know, air compressors are located in houses, small businesses, services stations and industry of all sizes. Their usage ranges from dust cleaning to hefty industry usage. These also play an important role within the correct operation of many tools.

Care & Attention:

Your receiver tank collects moisture from the air that it's compressing, particularly if you live in a humid climate or by the coast. Most tanks have a valve to allow draining of the moisture that accumulates and it's up to you to make certain that you drain frequently. **Before draining the water you should be sure to release the valve and the air pressure from the tanks.**

Verify all of your hoses periodically because they are the veins of the air compressor. If they turn out to be cracked or corroded they will quickly begin to leak and place undue stress on the rest of the compressors elements. **Check hoses regularly and change them if you find them cracked or broken.**

There should be a shutdown safety button, check this works regularly. The purpose of this technique is to shut off your compressor if it's heating up too much or if the engine's oil is getting a bit too low. This check will ensure an extended life for the compressor.

If you are running a compressor that uses oil you should check the level on a daily basis or before use to make sure that your machine is topped up. Changing this oil when due will make sure the compressor functions smoothly giving your machine a longer life.

If your heat exchangers are dirty then they cannot do their job, which is to lessen the working temperatures of your compressor. **Clean heat exchangers frequently.**

Air compressors are tools that take in air and then compress and store it in a compressed form in a tank. So another tip is to check the tank regularly for wear and tear. The tank has the capacity to withstand all the stress the air applies within it so it is very important to check it's integrity to prevent accidents.



By using ideas the above you'll ensure a long life for your compressor

A properly maintained air compressor will work smoothly for years to come, but only if the compressor is maintained. They are definitely an excellent tool to have for just about any occupation, trade or workshop.

Daily Maintenance:

You should drain moisture from your air compressor's tank on a daily basis. Bleed most of the air pressure from the tanks before opening the drain valves, allowing all moisture to drain from the tanks.

Weekly Maintenance:

Clean the air intake vents, and remove any obstructions. If your air compressor utilises an air filter, clean the air filter weekly, and replace when necessary. Check the oil level and top up to the manufacturer's recommended level with **Viscosity Grade 100 oil.**

Monthly Maintenance:

Check the operation of the safety release valve. It should open and relieve air pressure and re-seat properly when closed with no leaks. Also check your electrical cords and hoses for any damage. Do not use your compressor if your electrical cord is damaged.

IMPORTANT

Do not use this compressor in conjunction With an extension lead



Do not switch off compressor at plug on wall.

Use pressure on/off switch to switch off compressor.



**Check oil weekly top up if necessary
Check air filters and keep them clean
Change air filters regularly according to working environment**