



mb air systems Ltd

# T30 11/14 Bar

*Reciprocating Air Compressors*





The Ingersoll Rand T30 has been the leader in its class since it was introduced in 1929. Whether this is measured by reliability, efficiency, rugged flexibility or maintainability, it has no equal. Designed for heavy industrial applications, the two stage reciprocating air compressors provide the quality and performance that exceed customer requirements.

Others may claim to handle heavy duty applications, but the T30 defines the concept. Run it in the most demanding intermediate duty application imaginable. It won't make any difference because this compressor performs with total dependability in the most demanding, heavy-duty industrial applications. Throughout this brochure we try to show you some of the features which make the T30 unique and ideal to meet your demands of a compressor package in the 3-30 HP range.

Many compressor applications need care and experience to ensure that the correct machine and configuration is selected to provide the level of efficiency and reliability which you expect. Our Sales offices and Distributors are ideally qualified and experienced to assist you in this task. If you are seeking information about a new compressor, advice about an existing installation or ancillary equipment or spare parts, you will find knowledge available to assist you.

**After all, we've been doing this for over 100 years!**

**No other Reciprocating Compressor offers these efficient, cost-saving features:**

A durable cast iron pump which provides 15,000+ hours of trouble-free service

A 100% copper finned intercooler lowers operating temperatures and extends pump life

An overhung crankshaft and single-piece connecting rod allow access to the running gear for easy maintenance

Individually cast cylinders provide flexible, less expensive maintenance on just one cylinder at a time rather than servicing the entire pump

**The Inside Story**

**Removable cylinders**

Easy to repair, provides even, 360° cooling and eliminates hot spots

**Overhung crankshaft**

Precision balanced to run smoothly and quietly

**Centrifugal unloader**

(From 10HP on)  
Saves motor life

**One piece connecting rod**

For few wearing parts

**Simple multifinger valves**

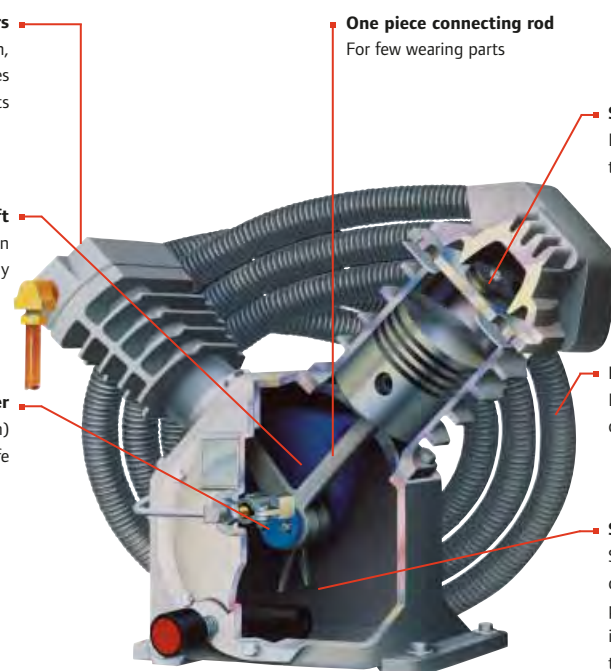
Dependable and easy to maintain

**Finned Intercooler**

Runs cool, even in the most demanding conditions

**Splash Lubrication**

Simple and reliable, does not require an oil pump, making the system inexpensive and easy to maintain





# T30 Range



Premium Range Illustrated

11 bar receiver mounted,  
14 bar base mounted.

CE Marked receivers to 87/404/EEC.

4 pole IP55 TEFV Motor.

Standard voltage 400-3-50.

Totally enclosed belt  
guard design.

Dry type inlet filter.

Flexible discharge tube.

Factory fill of lubricant.

Auto Start and Stop  
regulation by pressure switch up  
to and including 7.5hp.

Constant Speed Control  
10hp to 30hp.

Value Range Features

## Value Range

The Type-30™ Value Package offers customers an economical and dependable compressed air solution. It is perfect for commercial, automotive, and light industrial applications.

- Durable 100% cast iron construction.
- Automatic start/stop pressure switch operation.
- Manual tank drain.
- Intermittent duty cycle.

Auto Start and Stop regulation by pressure  
switch (3/4hp) or by the starter (5.5/7.5hp)  
up to and including 7.5hp.

Dual Control regulation 10hp to 30hp.

Star Delta starter from 5.5hp.

Low Oil Level Switch.

Auto Condensate Drain on  
all receiver mounted units.

Belt Guard Mounted,  
Air Cooled After Cooler.

Anti-Vibration pads.

Premium Range Features

## Premium Range

The Type-30™ Premium Package offers all the features of the Value Package plus a number of additional features to further enhance durability and performance. The Premium Package is ideally suited for manufacturing and more heavy duty industrial applications.

- Belt guard mounted, air cooled after cooler.
- Low oil level switch to reduce maintenance requirement.
- Provides more reliable performance.
- Auto condensate drain on receiver mounted units.
- High performance with lower noise levels.





The new rationalised T30 range comprises of Value and Premium packages making choosing the right compressor even easier.

Model	Motor Kw	Motor Hp	Pressure Max bar(g)	Receiver litres	Piston Displacement L/Min	Piston Displacement CFM	Dimensions LxWxH (cm)	Weight kg
T30/200/3 V	2.2	3.0	11	200	290	10.2	162 x 68 x 122	140
T30/X/3 V	2.2	3.0	14	-	290	10.2	125 x 80 x 85	90
T30/200/4 V	3.0	4.0	11	200	387	13.7	162 x 68 x 122	145
T30/X/4 V	3.0	4.0	14	-	362	12.8	125 x 80 x 85	95
T30/200/5.5 V	4.0	5.5	11	200	523	18.5	162 x 68 x 122	170
T30/X/5.5 V	4.0	5.5	14	-	523	18.5	125 x 80 x 85	115
T30/200/7.5 V	5.5	7.5	11	200	702	24.8	162 x 68 x 122	180
T30/X/7.5 V	5.5	7.5	14	-	657	23.2	125 x 80 x 85	135
T30/200/10 V	7.5	10.0	11	200	1013	35.8	162 x 80 x 145	235
T30/X/10 V	7.5	10.0	14	-	1013	35.8	125 x 80 x 85	185
T30/500/15 V	11.0	15.0	11	500	1441	50.9	210 x 90 x 165	425
T30/X/15 V	11.0	15.0	14	-	1292	45.6	155 x 85 x 110	295
T30/500/20 V	15.0	20.0	11	500	1713	60.5	210 x 90 x 165	435
T30/X/20 V	15.0	20.0	14	-	1713	60.5	155 x 85 x 110	300
T30/500/25 V	18.5	25.0	11	500	2620	92.5	210 x 90 x 165	580
T30/X/25 V	18.5	25.0	14	-	2620	92.5	155 x 85 x 110	460
T30/500/30 V	22.0	30.0	11	500	2932	103.5	210 x 90 x 165	600
T30/X/30 V	22.0	30.0	14	-	2932	103.5	155 x 85 x 110	480

Model	Motor Kw	Motor Hp	Pressure Max bar(g)	Receiver litres	Piston Displacement L/Min	Piston Displacement CFM	Dimensions LxWxH (cm)	Weight kg
T30/200/3 P	2.2	3.0	11	200	290	10.2	162 x 78 x 122	180
T30/X/3 P	2.2	3.0	14	-	290	10.2	125 x 95 x 85	130
T30/200/4 P	3.0	4.0	11	200	387	13.7	162 x 78 x 122	195
T30/X/4 P	3.0	4.0	14	-	362	12.8	125 x 95 x 85	145
T30/200/5.5 P	4.0	5.5	11	200	523	18.5	162 x 68 x 122	220
T30/X/5.5 P	4.0	5.5	14	-	523	18.5	125 x 95 x 85	165
T30/200/7.5 P	5.5	7.5	11	200	702	24.8	162 x 68 x 122	230
T30/X/7.5 P	5.5	7.5	14	-	657	23.2	125 x 95 x 85	185
T30/200/10 P	7.5	10.0	11	200	1013	35.8	162 x 80 x 145	300
T30/X/10 P	7.5	10.0	14	-	1013	35.8	125 x 95 x 85	250
T30/500/15 P	11.0	15.0	11	500	1441	50.9	210 x 90 x 165	500
T30/X/15 P	11.0	15.0	14	-	1292	45.6	155 x 100 x 110	370
T30/500/20 P	15.0	20.0	11	500	1713	60.5	210 x 90 x 165	510
T30/X/20 P	15.0	20.0	14	-	1713	60.5	155 x 100 x 110	375
T30/500/25 P	18.5	25.0	11	500	2620	92.5	210 x 90 x 165	655
T30/X/25 P	18.5	25.0	14	-	2620	92.5	155 x 100 x 110	535
T30/500/30 P	22.0	30.0	11	500	2932	103.5	210 x 90 x 165	675
T30/X/30 P	22.0	30.0	14	-	2932	103.5	155 x 100 x 110	555



mb air systems Ltd

Ingersoll Rand - T30  
a leader in its class  
since 1929



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