



# Air Compressor 850 CFM



Engine Model	: HINO K 13 D-TA
Compressor Model	: SDS850S-501 ( Diesel Engine Driven stationary)
Type	: Water-Cooled,6 cylinder direct-injection - turbo - chaegrđ
Free air delivery	: m <sup>3</sup> / min 24
Rated Operating Pressure	: Kg/cm <sup>2</sup> (PSIG) kPa 7.1(102)700
Discharge Air Temperature	: Atmospheric Temperature + 40 C
Air Outlets	: 20 A (3/4") x 2 pcs 50A (2") x 1 pc
No. of Cylinder	: 6 Total Displacement cc : 11.940
Rated Output ps (kW)rpm	: 165.5 ( 225 PS ) / ( Over 2,200 RPM)
Receiver tank capacity	: m <sup>3</sup> 0.24 (65.7) ( US Gal)
Fuel Tank Capacity	: L 100 Liters
Lubrication oil Capacity	: L 80
Lub oil Compressor capacity	: L 125 L.
Reted RPM	: min-1 : 1650 Unloaded RPM : min-1 : 950

**Engine No. : HINO K 13 D-TA**

**( Diesel Engine Driven Stationary )**

**Trade Name : AIRMAN 850 CFM.**

**Dimention : 230 x 490 x 290 cm.**

**Weight (Kg.) : 7,000 Kg.**





# Air Compressor



## 830 CFM

Compressor Model	:	PDSF830 S-4B1 / (Diesel Engine Driven stationary)		
Type	:	4 cylinder, Water-Cooled direct-injection type , - turbo - chaegrd with intercooler		
Free air delivery	:	m <sup>3</sup> / min	23.5	830 CFM
Working Pressure	:	10.3 Mpa 150 psi Highpressure		
No. of Cylinder	:	6	Total Displacement cc : 11,945	
Air Outlets	:	1"x2", 2 x 3/4 BSP		
Rated Output ps (kW)rpm	:	206	/ Speed Max : 2,200	
Receiver tank capacity	:	m <sup>3</sup>	0.189	(5.0) ( US Gal )
Fuel Tank Capacity	:	L	400	Liters
Lubricating oil Capacity	:	L	54	Liters
Com. Oil Capacity	:	L	105	Coolant Capacity : 45 L.
Battery V	:	24 V. 145G51 ( N150 ) x 2		

Engine No. :

**MITSUBISHI 6D 24-TE1**

**( Diesel Engine Driven Stationary )**

Trade Name :

**AIRMAN 830 CFM.**

Dimention :

**225 x 430 x 240 cm.**

Weight (Kg.) : **6,000 Kg.**





**825 CFM.**

**Engine No. : CUMMINS. QSC 803**

**Trade Name : INGERSOLL RAND 825 CFM.**

**Weight (Kg.) : 5,000 Kg.**



<b>Compressor Model</b>	<b>:</b>	<b>XP825WCU</b>
<b>Free air delivery</b>	<b>:</b>	<b>23.4 ( m3-min )                      825 CFM</b>
<b>Pressure Range-psi(bar)</b>	<b>:</b>	<b>80-150 (5.5-10.30) / Air Discharge Outlet : 1</b>
<b>Air Discharge Outlet NPT</b>	<b>:</b>	<b>2 ( 50.8) / Altitude Capability -ft(m) 7000(2134)</b>
<b>Rated Speed RPM</b>	<b>:</b>	<b>2500 RPM              Idle Speed : 1200 RPM</b>
<b>Bhp@Rated Speed</b>	<b>:</b>	<b>280 ( 209 ) / Displacement - cu in (l) : 506 (8.3)</b>
<b>Electrical-Volts/Battery</b>	<b>:</b>	<b>24(2) 4D, 1000 CCA / No. of Cylinder : 6</b>
<b>Compressor Capacity</b>	<b>:</b>	<b>64 L. : ( 17 Gal ) / Engine Oil Capacity : 19 L.</b>
<b>Fuel Tank Capacity</b>	<b>:</b>	<b>462 L. : ( 122 Gal )</b>
<b>Radiator Coolant Capacity</b>	<b>:</b>	<b>28 L. : ( 7.5 Gal )</b>
<b>Rated Operating Pressure</b>	<b>:</b>	<b>125 PSI ( 8.6 Bar )</b>



# Air Compressor

## 750 CFM

Engine No. : **HINO J08C-UT 11293 - 4Cycle,**

**Water-Cooled Direct-injection type w/turbo charger**

Trade Name : **AIRMAN 750 CFM.**

Weight (Kg.) : **5,000 Kg.**

Compressor Model : **PDS750S-4B1**

Type : **Rotary Twin Screw, Single - Stage, Oil- Cooled**

Free air delivery : **m<sup>3</sup> / min 21.2**

Rated Operating Pressure : **Kg/cm<sup>2</sup> (PSIG) kaa/7.1(102)700**

Lubricating System :

- **Forced Lubrication by Compressor Pressure**

Driving System : **Direct driving with rubber coupling**

Receiver tank capacity : **m<sup>3</sup> / 0.189 (5.0 ) / ( US Gal)**

Lubrication oil Capacity : **L 23 (6.1 ) Liters (US Gal )**

Lub oil Compressor Capacity : **80 Liters**

Total Displacement cc : **7.961 L/S**

Air Outlets : **50 A (2") x 1 pcs 20A (3/4") x 2 pcs, 10Ax 1 pc**

Engine Type : **4-Cycle, water-cooled, direct injection type with turbo charged, Cylinder No. : 6**

No. of Cylinder Bore Stroke : **6-114 mm. x 130 mm.**

Rated Output ps (kW)rpm : **kW/min-1 : 196 ( 144.5 )**

Idle Speed : **1100 , Rete( r/min ) : 2100**

Coolant Capacity : **29 Liters., Fuel Tank Capacity : L 320 Liters**





# Air Compressor 655 CFM

## Dry Air

**Engine Model** : Hino Moter Ltd. J08C-V  
**Compressor Model** : PDS655SD-4B2  
**Type Compressor** : Single - Stage Oil Cooled, Scarew type compressor  
**Free air delivery** : m<sup>3</sup> / min 18.5, Working Pressure : 0.7 Mpa  
**Lubricating System** : Forced Lubrication by Compressor Pressure  
**Driving System** : Direct driving with rubber coupling  
**Receiver tank capacity** m<sup>3</sup> 0 Jan 00  
**Lub oil Capacity Engine** : L 24 Jan 00 Liters  
**Lub oil Compressor Capacity** : 80 Liters Total Displacement : 7.961 L/S  
**Air Outlets** : 20 A (3/4") x 2 pcs 50A (2") x 1 pc  
**Engine Type** : water-cooled 4-Cycle direct injection type  
**No. of Cylinder Bore Stroke** : 6-114 mm. x 130 mm.  
**Rated Output ps (kW)rpm** : kW/min-1 : 118/2,500 Battery : 115F51 x 2  
**Coolant Capacity** : 35 Liters Fuel Tank Capacity : 270 Liters.

**Engine No. :**

**HINO J08C-V 11747 4Cycle**

**Water-Cooled Direct-injection type**

**Trade Name :**

**AIRMAN 655 CFM Dry Air**

**Weight (Kg.) :**

**5,000 Kg.**



**Engine No. : CUMMINS B5.9C**

**Trade Name : INGERSOLL RAND 400 CFM.**

**Weight (Kg.) : 3,000 Kg.**



# 400 CFM

Compressor Model	: VHP400WCU
Free air delivery	: 11.3 ( m3-min ) 400 CFM
Pressure Range-psi(bar)	: 80-225 (5.5-15.5) / Air Discharge Outlet : 1
Air Discharge Outlet NPT	: 2 ( 50.8)
Rated Speed RPM	: 2500 RPM Idle Speed : 1500 RPM
Bhp@Rated Speed	: 174 / Displacement - cu in (l) : 359 ( 5.9)
Electrical-Volts/Battery	: 12 V. / No. of Cylinder : 6
Compressor Capacity	: 36 L. : ( 17 Gal ) / Engine Oil Capacity : 19 L.
Fuel Tank Capacity	: 219 L. : ( 58 Gal)
Radiator Coolant Capacity	: 20.8 L. : ( 5.5 GAL)
Rated Operating Pressure	: 200 PSI ( 13.8 Bar)



# Air Compressor 425 CFM

Compressor Model	: HP425 WPC
Free air delivery	: 12 ( m3-min ) 425 CFM
Pressure Range-psi(bar)	: 80-125 (5.5-8.5) / Air Discharge Outlet : 1
Air Discharge Outlet NPT	: 1.25 ( 31.8)
Rated Speed RPM	: 2400 RPM Idle Speed : 1400 RPM
Bhp@Rated Speed	: 125 / Displacement - cu in (l) : 276 ( 4.5)
Electrical-Volts/Battery	: 24(2) / No. of Cylinder : 4
Compressor Capacity	: 36 L. : ( 17 Gal ) / Engine Oil Capacity : 19 L.
Fuel Tank Capacity	: 219.5 L. : ( 58 Gal)
Radiator Coolant Capacity	: 17 L. : ( 4.5)
Rated Operating Pressure	: 100 PSI ( 6.9 Bar)

**Engine No. : JOHN DEERE**

**Trade Name : INGERSOLL RAND 425 CFM.**

**Weight (Kg.) : 3,000 Kg.**



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# Air Compressor 390 CFM. / Dry Air



**Engine No. : 994902 /ISUZU DD 4BG1 TRC-01**

**Water-Cooled Direct-injection type with turbo**

**Trade Name : AIRMAN 390 CFM. / Dry Air**

**Weight (Kg.) : 3,000 Kg.**

**Compressor Model : PDS390SD-5B1 SC-5B1, SD-5B1**

**Type : Single - Stage, Oil- Cooled, Scarew type compressor**

**Free air delivery : m<sup>3</sup> / min 11**

**Working Pressure : 0.7 Mpa**

**Lubricating System : Forced Lubrication by Compressor Pressure**

**Driving System : Direct driving with rubber coupling**

**Receiver Tank Capacity : m<sup>3</sup>, 0.098**

**Rated Output Pressure (kW) rpm : kW/min-1 : 80.9 /2,400**

**Air Outlets : 50A (2") x 1ps, 20A (3/4") x 4 pcs**

**Engine Type : 4-Cycle, water-cooled, direct injection type with turbo charged**

**No. of Cylinder Bore Stroke : 4-105 mm. x 125 mm.**

**Lub oil Capacity Engine : 13 Liters.**

**Lub Oil Compressor Capacity : 51 Liters.**

**Total Displacement : 4.329 L./S**

**Coolant Capacity : 13 Liters.**

**Fuel Tank Capacity : 182 Liters.**



# Air Compressor

## 375 CFM.



Engine No. : JOHNDEER

Trade Name : INGERSOLL RAND ( 375 CFM )

Weight (Kg.) : 3,000 Kg.

Compressor Model	:	XP375WPC/ INGERSOLL RAND ( 375 CFM )
No. of Cylinder	:	4
Free air delivery	:	10, 5 m <sup>3</sup> min <sup>-1</sup> ( 10.3 Bar ) / 375 CFM
Speed at full load.min-1	:	m 1 / min 2400 rev:RPM
Speed at idle. ( RPM )	:	1400 revs min-1
Electrical system.	:	24V negative earth
Rated Output ps (kW)rpm	:	93 kW ( 125 HP ) / 2400 RPM
Fuel Tank Capacity	:	L 219.5 ( 58 ) Liters ( US gal )
Oil Capacity	:	L 13.2 ( 3.5 ) Liters ( US gal )
Coolant Capacity	:	L 17 ( 4.5 ) Liters ( US gal )
Oil Specification	:	Refer engine section
Rated Operating Pressure	:	125 PSI ( 8.6 Bar )



# Air Compressor 265 CFM

Engine No. : NISSAN 265 CFM.

Engine No. : YANMAR U9 7576

Engine No. : J7902 / YANMAR  
4TNV98T-NHK

Trade Name: AIRMAN 265 CFM.

Weight (Kg.): 2,500 Kg.,

: 3,000 Kg.

: 5,000 Kg.



Engine Model	:	YANMAR 4TNV98T-NHK
Compressor Model	:	PDS265S-5B2                      SC-5B2, SD-5B2
Type Compressor	:	Single - Stage Oil Cooled, Scarew type compressor
Free air delivery	:	m <sup>3</sup> / min 7.5,                      Working Pressure : 0.69 Mpa
Lubricating System	:	Forced Lubrication by Compressor Pressure
Driving System	:	Direct driving with gear coupling
Receiver tank capacity		m <sup>3</sup> 0.069
Lub oil Capacity Engine	:	L                      10                      ( 2.6 )                      Liters ( US gal )
Lub oil Compressor Capacity	:	30                      Liters                      Total Displacement : 3.319 L/S
Air Outlets	:	50A (2") x 1pc, 20A (3/4" )x 3 pcs
Engine Type	:	4-Cycle,water-cooled,direct injection type with turbo charged
No. of Cylinder Bore Stroke	:	4-98 mm. x 110 mm.
Rated Output ps (kW)rpm	:	kW/min-1 : 61.2 /2,500
Coolant Capacity	:	10                      Liters
Fuel Tank Capacity	:	115                      Liters



# Air Compressor



## 175 CFM

Engine No. : NISSAN

Trade Name : AIRMAN 175 CFM.

Weight (Kg.): 3,000 Kg.

Compressor Model	: PDS 175 - F22 (SC-F22) <SD-F22>		
Type	: Single-stage oil cooled,screw type compressor		
Free air delivery	: m <sup>3</sup> / min		11.0
Working Pressure	: Mpa		0.7
Lubricating system	: Forced Lubrication by compressed pressure		
Driving system	: Direct driving with rubber coupling		
Receiver tank capacity	: m <sup>3</sup>	0.098	
Lubricating oil capacity	: L	10	
Idling revolution	: 1300 RPM		
Maximum revolution	: 2200 RPM		

Maximum revolution : 3300 RPM



# Air Compressor 260CFM

Compressor Model	: KUBOTA 4IR18T - P260AWIR		
No. of Cylinder	: 4		
Free air delivery	: 10, 5 m <sup>3</sup> min-1 ( 10.3 Bar ) / 260 CFM.		
Speed at full load.min-1	: m <sup>1</sup> / min	2300 revs	RPM
Speed at idle. ( RPM )	: 1700 revs min-1		
Electriccal system.	: 12V negative earth		
Rated Output ps (kW)rpm	: 93 kW ( 125 HP ) / 2300 RPM		
Fuel Tank Capacity	: L	110 ( 28 )	Liters ( US gal )
Oil Capacity	: L	10.2 ( 10.8 )	Liters ( US gal )
Coolant Capacity	: L	11.4 ( 12 )	Liters ( US gal )
Oil Specification	: Refer engine section		
Rated Operating Pressure	: 100 PSI ( 6.8 Bar )		

Engine No. : KUBOTA - 4IR18T

Trade Name : INGERSOLL RAND 260 CFM.

Weight (Kg.) : 2,000 Kg.





# Air Compressor Zone II

**Engine No. : HINO : HO 7C**

**Trade Name : INGERSOLL RAND 375 CFM**

**Weight (Kg.) : 4,000 Kg.**



<b>Compressor Model</b>	: PDS375S-HO7C (SC-HO7C)<SD-HO7C>		
<b>Type</b>	: Single-stage oil cooled,screw type compressor		
<b>Free air delivery</b>	: m <sup>3</sup> / min	11.3	
<b>Rated Operating Pressure</b>	: Kg/cm <sup>2</sup> (PSIG) kPa	7.1(102)	700
<b>Discharge Air Temperature</b>	: Atmospheric Temperature + 40 C		
<b>Lubricating system</b>	: Forced Lubrication by compressed pressure		
<b>Driving system</b>	: Direct driving with gear coupling		
<b>Air Outlets</b>	: 20 A (3/4") x 2 pcs, (1-1/2") x 1 pc		
<b>No. of Cylinder</b>	: 6	<b>Total Displacement : 359 ( 5.9 )</b>	
<b>Rated Output ps (kW)rpm</b>	: 160 ( 118 ) / 2,100		
<b>Receiver tank capacity</b>	: m <sup>3</sup>	0.189	(5.0), ( US Gal )
<b>Fuel Tank Capacity</b>	: L	200	Liters .
<b>Lubrication oil Capacity</b>	: L	22	Liters
<b>Lubrication oil Compressor Capacity</b>	: L	55	Liters