PORTABLE AIR COMPERSSOR WGD185

Flow rate: 185 cfm @ 100 psi

www.wbcompressor.net

WINDBELL-Portable air compressor for different need

Air Compressor Manufacture

With more than 15 years experience in machine construction and engineering, WINDBELL is one of the China major compressor manufacturer and compressed air system provider.
WINDBELL portable air compressor can provide reliable compressed air for heavy duty applications with combinations of pneumatic tools, such as chipping hammers, jack hammers, grinding tools or for sandblasting.

WGD185 Portable Air Compressor

WGD185 is a popular model from WINDBELL comapny , an efficiency range of oil injected, rotary screw compressors. Driven by a powerful 4-cylinder Xichai diesel engine, it provides reliable compressed air for different applications.

Reliable Xichai Engine

Powered by a 50hp Xichai engine which work with a efficiency air end , to ensure 185 cfm productivity at 7 bar pressure .
Xichai engine is economical ,reliable , and durable.
Enlarged cooling system can ensure compressor to work under harsh environment.

Smart Controller

The smart controller can realize functions of compressor start/stop, data measurement, maintenance, alarm protection, and “three remotes”. It has speed regulator function, and CANBUS (SAE J1939) port which can control various ECU or non-ECU diesel driven compressor.

Portable air compressor

WGD-185

Air delivery 5.2 m^3/min, Pressure 7 bar

New version portable air compressor

Porduct introduction

The WINDBELL WGD185 diesel screw air has an impressive 50HP,4 cylinder-direct injected diesel engine which drives a huge air end delivering 185cfm of free air delivery.
A great feature of this engine is that all coolant is ran through a hydraulic system achieving a greater flow rate.
This unit is controlled through an intutive intelligent LCD digital display that is carefully protected behind a cabinet door.

This digital display allows you to see all the functionalities of what the diesel screw compressor is doing with live feedback.

From the RPM of the engine, pressure range delivering, fuel consumption, service hours,run time and much more.Just like all our other engine driven air compressors will rev up when the air demand is required and when idle back.

when pressure has been reached. We have also implemented the air compressor to have an battery insolation switch which is located inside the lockable doors.

The WGD185 has been designed with twin air outlets making it easy to either to regulate one outlet for air tools and when have direct pressure for blow downs or tyre inflation.

Features & Benefits

- Water cooled engine
- Coupling driven
- Huge air intake filters that are easily accessible for maintenance or replacing
- Fuel filter with sight glass for easy identification
- LCD control panel
- Twin air outlet
- Ease of servicing with easy access parts
- Lockable panels with pneumatic support
- Battery isolator switch
- Isolating switch at control panel
- Diesel engine will idle when pressure reached
- Sound proofed cabinet
- Low diesel consumption
- Automated fault finding and recording
- Storage battery included

Powder coated canopy
Compact ,lightweight design.

Rotary screw compressor
Advanced rotary screw technology.

Trailer Mounted

- Fixed tow bar
- Jockey wheel
- Parking brake (optional)

Principal data

Colour: blue

Colour: yellow

Compressor

Type		WGD185
Normal working pressure	bar	7
	psi	100
Actual free air delivery	m^3/min	5.2
	cfm	185

Engine

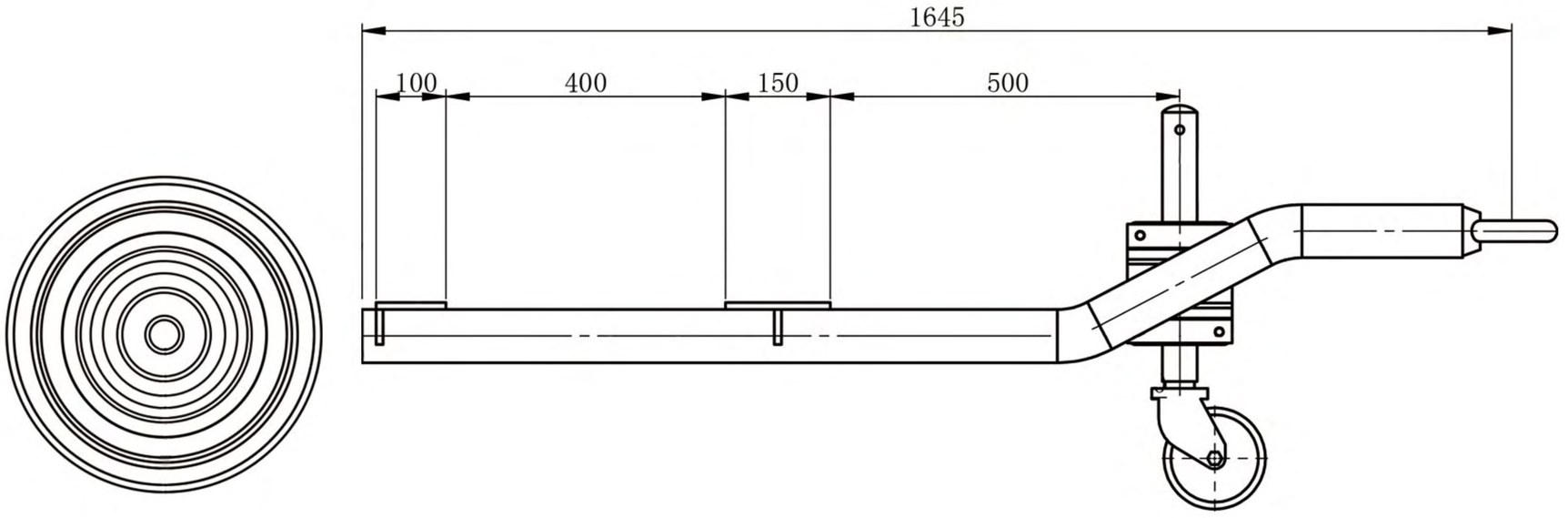
		Xichai
Model		4DW91-50GB33U
Number of cylinders		4
Full load speed	rpm	2400
Output at rated speed	kW	37
Capacity of fuel tank	L	70

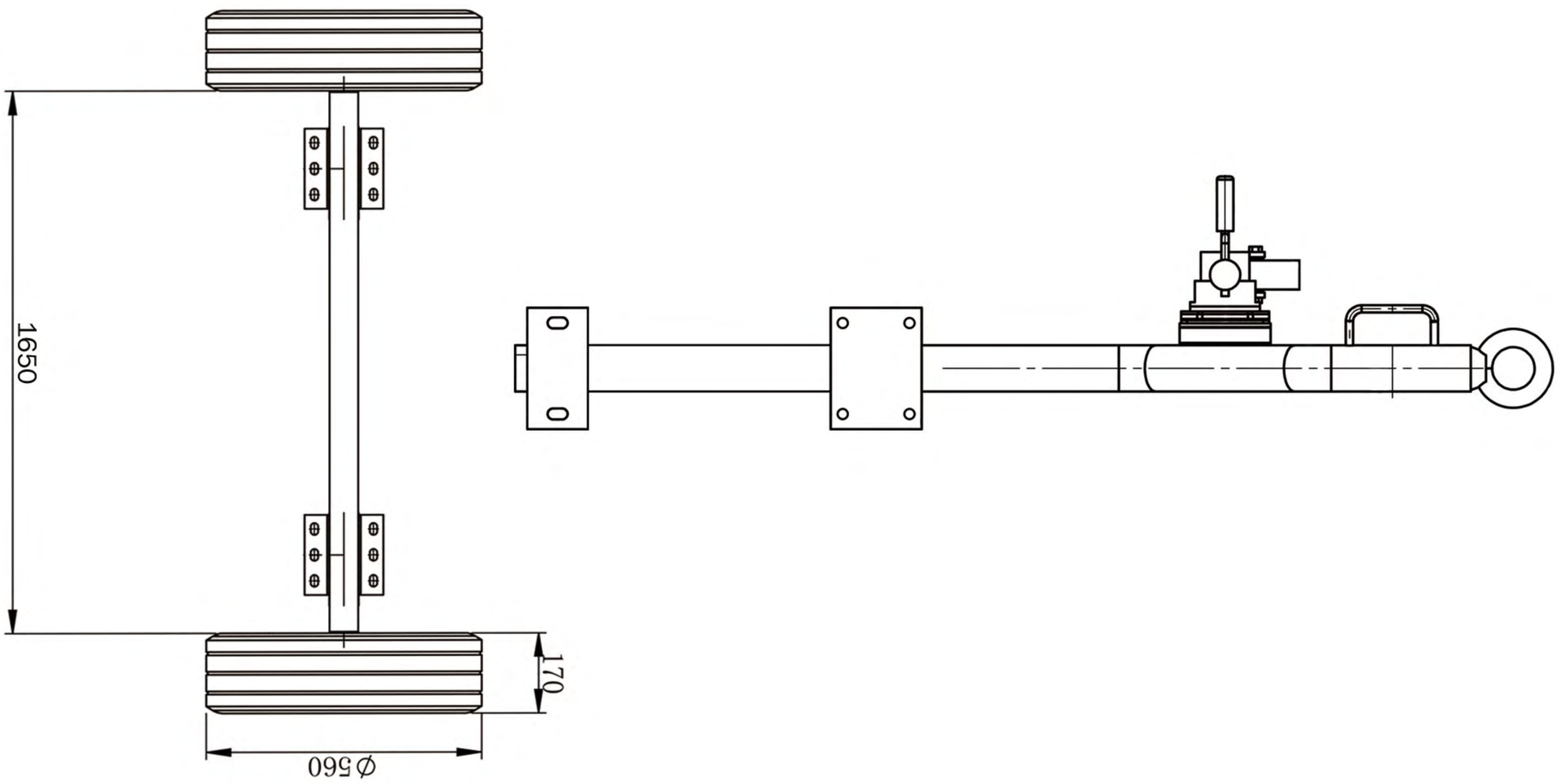
Unit dimensions

		Portable	Skid
Length	mm	2950	2026
	inch	116	80
Width	mm	1650	1285
	inch	65	51
Height	mm	1500	1080
	inch	59	43
Weight	kg	1150	950
Outlets		2*3/4”	2*3/4”

Sketch map of trailer

Speed ⩽ 30 km/h





WGD portable air compressor

Air delivery lower than 300 cfm

Brife data

Type		WGD-035	WGD-185	WGD-280
Normal working pressure	bar	7	7	8
	psi	100	100	116
Actual free air delivery	m^3/min	1.0	5.2	8
	cfm	35	185	280

2021.P201218 Specifications are subject to change without notice.

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WINDBELL®

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