

# SCREW AIR COMPRESSOR



TECHNICAL DATA	UDS-125S	UDS-185S	UDS-265S	UDS-390S	UDS-535S	UDS-750S
<b>Type</b>	Rotary twin screw	Rotary twin screw	Rotary twin screw	Rotary twin screw	Rotary twin screw	Rotary twin screw
Free air delivery m <sup>3</sup> /min	3.5	5.2	7.5	11	15	21
Free air delivery CFM	140	185	265	390	535	750
Rated Operating pressure kg/cm <sup>2</sup> (bar)	7	7	8	10	10	10
Receiver Tank capacity m <sup>3</sup>	0.015	0.02	0.064	0.1	0.2	0.2
Air outlet	2x3/4"	3x3/4"	3x3/4"	3x3/4" and 1x2"	2x3/4" and 2x2"	2x3/4" and 2x2"
<b>Engine</b>						
Engine type	Water-cooled, 4 stroke	Water-cooled, 4 stroke	Water-cooled, 4 stroke	Water-cooled, 4 stroke	Water-cooled, 4 stroke	Water-cooled, 4 stroke
Model	FAW 4DW91-56G2	Isuzu 4JB1-C	Isuzu 4JB1T-C	Cummins 6BT5.9-C150	Cummins 6BTA5.9-C180	Cummins 6CTA8.3-C260
Rated power						
Cylinders	4	4	4	6	6	6
Bore x stroke (mm)	37kw@2500rpm	40kw@2500rpm	56kw@2500rpm	112kw@2200rpm	132kw@2500rpm	194kw@2200rpm
Intake method	Nature aspirate	Nature aspirate	Turbo charged	Turbo charged	Turbo charged after-cooled.	Turbo charged after-cooled.
Displacement (L)	2.54	2.771	2.771	5.9	5.9	8.3
Fuel consumption (L/h)	8.2	9	12.2	23.1	27.8	40.5
Lubrication oil capacity (L)	7.4	8.5	8.5	16.3	16.3	21.9
<b>Dimension and weight</b>						
Net weight (kg)	1550	1665	1780	2160	2840	3450
Packing size LxWxH (mm)	2000*950*1000	2000*950*1000	2100*1200*1250	2700*1400*1700	3650*1685*1800	4000*2100*2100
Fuel tank capacity (L)	80	80	100	200	200	320



## EXCLUSIVE

layout clean and easy for quick and efficient maintenance and control



## SCREW SET

Guaranteed for 1year /1000hrs . The asymmetric profile with oil injection is created by means of high pressure grinding that ensures excellent performance of the set in the compression stage , reducing the required energy dispersion to a minimum . the installed screw sets are of direct transmission type without geared rev multiplier . this solution reduces wear of the screw set and overheating , ensures reduced noise emissions and fuel consumption savings .



## CONTROL BOARD AND PROTECTIONS

Complete and fully functional key start , meet most users habits . The panel fitted at the rear for added operator's protection . monitors the operate of the compressor . Compressors are constantly monitored and protected against high air-end oil temperature , high -coolant temperature , low engine oil pressure . Fan belt covers and an over-pressure valve are provided to offer additional operator protection .



**ZHEJIANG UNIVERSAL MACHINERY CO.,LTD.**

Address:No.18-9 Nanshan Road, Qujiang Zone, Quzhou city, Zhejiang province  
TEL : 0086-570-3377023 E-mail : james@univcn.com Website : www.univpower.com



WhatsApp Me  
0086-15257010008