



# Trolley & Skid Mounted Compressors

- ◆ Construction ◆ Mining ◆ Oil & Gas Exploration
- ◆ Water-well Drilling

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## User-friendly Centralised control panel

All major instrument controls and monitoring systems are grouped together on this panel. Operators can check on the operating status using a combination of easy-to-use instruments and digital readouts on the control panel. The digital panel also displays warning and shutdown messages if it detects abnormal conditions.



## Air delivery matched to demand Variable capacity control

The 0-100% stepless variable capacity control reduces fuel consumption and operating costs. End use air consumption controls the opening and closing of the butterfly valve, thereby regulating inlet air suction and matching engine speed to air demand.



## Effective cooling Aluminum oil coolers

Aluminium oil coolers are used for better heat dissipation even in a compact construction.



## Increased operational life Two-stage air intake filters

The filtration system in two-stages prevents dust from entering the compressor and the engine. The compressor is hence ideal for operations in dusty conditions.



## Ease of maintenance and service Wider access

The quick and easy access to the routine maintenance components allows drastic reduction in service time. Elements like air filters and valves can easily be reached through service doors. The service doors with cam lock/swing door arrangement enable the operator to perform maintenance with ease and less operator fatigue.



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# Applications



Blast hole drilling



Uranium hole blowing



Coal mining



Marble mining



Exploratory drilling



Stone mining



Mining in dead sea



High pressure compressor for crawler drilling

- Jack hammer / cleaning / pilling / pole fixing / tunnelling / breaker / reverting / wire saw /ld4 **(175 - 650 cfm at 100 psi)**
- Sand blasting / guniting / blasting / painting **(300 - 750 cfm at 100 - 150 psi)**
- Pigging / pipeline laying / dewatering / mud handling / cement / ash transfer **(300 - 650 cfm at 200 psi)**
- 3" - 4½" DTH drilling for pneumatic and hydraulic track & wagon drill **(300 - 900 cfm at 150 - 250 psi)**
- 6½" DTH drilling in open mines **(475 - 1500 cfm at 150 - 400 psi)**
- CBM drilling / off shore drilling / oil /gas exploration drilling **(900 - 1100 cfm @ 350 psi)**
- Optical cable laying - **(400 cfm at 175 psi with after cooler)**
- Electrical portable - **(131 - 500 cfm at 100 - 135 psi)**

## Wide Spectrum



### 4¾" bores - DTH Drilling

**Range:** 475-650 cfm, 150-200 psig

**Models:** PG 475S-150, PG 500S-175, PG 600S-200, PG 600S-230  
PG 650S-200

### 6½" and above bores - DTH Drilling

**Range:** 900-1500 cfm, 200-400 psig

**Models:** PG 900S-200, PG 900S-350, PG 1000S-275,  
PG 1100S-300, PG 1200S-230, PG 1200S-Combo 350,  
PG 1500S-Combo 400

# Technical Specification

Model	FAD		Pressure		Engine	Dimensional Data (mm)			Weight Dry (kg)	
	m <sup>3</sup> /min	cfm	bar g	psi g		Length	Width	Height*		
<b>Diesel Powered - Two Wheel Trolley Mounted Compressors</b>						With tow bar	Without tow bar			
PG 450 - 150	12.74	450	10.5	150	6BTA, Cummins	3970	2910	1860	2175	2110
PG 600 - 100	16.99	600	7.0	100	6BTA, Cummins	4190	2910	1860	2175	2340
PG 450 - 200	13.11	450	14.1	200	W06DTI, Ashok Leyland	4220	3020	1865	2285	2525
PG 500 - 100/150	14.57	500	7.0/10.5	100/150	W06DTI, Ashok Leyland	4220	3020	1865	2285	2525
PG 500 - 175	14.57	500	12.0	175	W06DTI, Ashok Leyland	4220	3020	1865	2285	2525
PG 650 - 100	18.94	650	7.0	100	W06DTI, Ashok Leyland	4220	3020	1865	2285	2525
PG 550 - 200	15.57	550	14.1	200	W06DTI, Ashok Leyland	4220	3020	1865	2285	3500
PG 650 - 200	18.41	650	14.1	200	6CTA8.3, Cummins	4680	3600	1980	2200	3500
PG 900 - 100	25.49	900	7.0	100	6CTA8.3, Cummins	4680	3600	1980	2200	3500
PG 750 - 125	21.20	750	8.5	125	6CTA8.3, Cummins	4680	3600	1980	2200	3500
PG 800 - 125	23.30	800	8.5	125	6CTA8.3, Cummins	4680	3600	1980	2200	3500
<b>Diesel Powered - Four Wheel Trolley Mounted Compressors</b>										
PG 650 - 200	18.41	650	14.1	200	6CTA8.3, Cummins	4910	3700	2100	2533	4250
PG 750 - 125	21.24	750	8.8	125	6CTA8.3, Cummins	4910	3700	2100	2533	4250
PG 750 - 150	21.24	750	10.5	150	6CTA8.3, Cummins	4910	3700	2100	2533	4250
PG 900 - 100	25.49	900	7.0	100	6CTA8.3, Cummins	4910	3700	2100	2533	4250
PG 750 - 250	21.24	750	17.6	250	NTA855C (BC), Cummins	6090	4700	2300	3050	6000
PG 900 - 200	25.49	900	14.1	200	NTA855C (BC), Cummins	6090	4700	2300	3050	6000
PG 900 - 350	25.49	900	24.6	350	NTA855C (BC), Cummins	6090	4700	2300	3050	6000
PG 1100 - 300	31.15	1100	21.1	300	NTA855C (BC), Cummins	6090	4700	2300	3050	6000
<b>Diesel Powered - Skid Mounted Compressors</b>										
PG 475S - 150	13.45	475	10.5	150	6BTA, Cummins	2782	1205	1837		1987
PG 500S - 175	14.16	500	12.3	175	W06DTI, Ashok Leyland	3020	1345	1865		2225
PG 600S - 200	16.99	600	14.1	200	6CTA8.3, Cummins	3115	1250	1620		2520
PG 600S - 230	16.99	600	16.2	230	6CTA8.3, Cummins	3115	1250	1620		2520
PG 650S - 200	18.41	650	14.1	200	6CTA8.3, Cummins	3250	1700	2075		2858
PG 900S - 200	25.49	900	14.1	200	NTA855C (BC), Cummins	4562	2287	2370		5200
PG 900S - 350	25.49	900	24.6	350	NTA855C (BC), Cummins	4562	2287	2370		5200
PG 1000S - 275	28.32	1000	19.0	275	NTA855C (BC), Cummins	4562	2287	2370		5200
PG 1100S - 300	31.15	1100	21.1	300	NTA855C (BC), Cummins	4800	2200	1950		4990
PG 1200S - 330	33.98	1200	23.2	330	NTA855C (BC), Cummins	4800	2200	1950		4990
PG 1200S - Combo 350	33.98	1200	24.6	325/350	NTA855C (BC), Cummins	4800	2200	1950		4990
PG 1100S - 350	31.15	1100	24.6	350	KTA1150C, Cummins	4200	2100	2690		7700

Model	Max. Free Air Delivery (Flushing)		Pressure		Engine	Overall Dimensions (LxBxH) (mm)			Dry Weight (Kgs)
	m <sup>3</sup> /min	cfm	bar g	psig		Length	Width	Height*	

## Skid Mounted Compressors ( FOR DRILLING RIGS)

PG 475S-150	13.45	475	10.5	150	6BTA 5.9, Cummins	2782	1205	1837	1987
PG 500S-175	14.16	500	12.3	175	W06DTI, Ashok Leyland	3020	1345	1865	2225
PG 600S-200	16.99	600	14.1	200	6CTA 8.3, Cummins	3115	1250	1620	2520
PG 600S-230	16.99	600	16.2	230	6CTA 8.3, Cummins	3115	1250	1620	2520
PG 650S-200	18.41	650	14.1	200	6CTA 8.3, Cummins	3250	1700	2075	2858
PG 900S-200	25.49	900	14.1	200	NTA 855BC, Cummins	4562	2287	2370	5200
PG 900S-350	25.49	900	24.6	350	NTA 855BC, Cummins	4562	2287	2370	5200
PG 1000S-275	28.32	1000	19.0	275	NTA 855BC, Cummins	4562	2287	2370	5200
PG 1100S-300	31.15	1100	21.1	300	NTA 855BC, Cummins	4800	2200	1950	4990
PG 1200S-330	33.98	1200	23.2	330	NTA 855BC, Cummins	4800	2200	1950	4990
PG 1200S-Combo 350	33.98	1200	24.6	350	NTA 855BC, Cummins	4800	2200	1950	4990
PG 1100S-350	31.15	1100	24.6	350	KTA 1150C, Cummins	4200	2100	2690	7700