



BOOSTER MODEL 2410 SHORT

The most compact of our high volume coupled machines. We developed this model to fit neatly across the back of a truck saving precious space. Other V6 drive engines from Deutz have also been used in order to stay within maximum legal road widths. Engine options are always changing.

For the past three decades, Air Research Compressors have been building and supplying booster compressors to both the mining and drilling industries to increase depth capacity with faster penetration rates, longer bit life and greater efficiency.

Applications for our Boosters include mineral exploration and blast hole drilling, water well and geothermal drilling, oil and gas air/foam drilling, and pipeline services.

BOOSTER MODEL 2410 SHORT BASE

Standard Features

- Canopy clad mounted to base assembly – fork lifted, mounts across truck tray
- On board fuel tank
- Booster bypass manifold
- Two-way concentric valves
- Automatic scrubber drain valve
- Over speed shut down valve
- Inlet particle filter
- Water cooled booster block
- Pre-cooler bypass system
- Dual inlet suction manifold
- Discharge temperature sensor
- Pre-cooler (40°C) & suction scrubber tank
- Aftercooler (100°C) max operating temperature
- Low pressure switch at booster inlet
- 24 volt DC starting and operating system
- Suction and discharge safety relief valves
- Full function digital instrument panel monitoring all pressures, temperatures and controls with full protection shutdown and fault indicators

Specifications

Booster type	6 cylinders, reciprocating
Configuration	COUPLED
Model	ARC 2410 6V92
Drive engine	Mercedes V6-501
Power	350bhp@1800 rpm
Booster stages	1
Max suction pressure (psi / bar)	350 / 24
Max discharge pressure (psi / bar)	1000 / 69
Capacity at maximum suction pressure (cfm / m3/min / l/sec)	2400 / 68 / 1133
Booster oil capacity (gal / l)	5.3 / 20
Engine oil capacity (gal / l)	9.3 / 35
Fuel tank capacity (gal / l)	132 / 500
Max operating ambient temp. (°F / °C)	125 / 52
Wet weight (lb / kg) - (approximate)	9370 / 4250
Overall dimensions, L x W x H (in / mm)	8'1" x 5'11" x 8'3" / 2450 x 2100 x 2500
Suction connection	50mm (2") BSP
Discharge connection	50mm (2") BSP

Options

- Choice of drive engine
 - Open frame configuration.
 - Top Lift feature
 - Extreme cold weather start kit
 - Achievement of exit temperature bogies
 - Spark arrestor
 - Engine speed adjustment
 - Insulation package to canopy
 - Service packs 250/500/1000/2000 hours
 - Valve and piston kits
- Other options, pressures, capacities:
available on request



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