

# Bobcat Medium Air Compressors 450–600 CFM



## ▲ PA450 Features <sup>2</sup>

### ▲ Standard Features

- 10.3 bar working pressure.
- Maintenance free batteries.
- 3 layer coated sheet metal for extreme conditions.
- Cabin and panel lighting for night operations.
- Designed to operate at maximum temp of 52°C.
- Towing speed of 30 Km/hr.
- Low ownership cost.
- Ease of access to service points with wider lockable doors.
- Compact and easy to transport and manoeuvre.
- Ease of adjusting the height of towing equipment for various applications.

### ▲ Optional Features

- High-speed running gear with brake
- Skid version (LRG - Less Running Gear)
- Cold start kit
- Dual regulation

## ▲ PA600 Features <sup>2</sup>

### ▲ Standard Features

- 6.9 bar working pressure.
- Maintenance free batteries.
- 3 layer coated sheet metal for extreme conditions.
- Cabin and panel lighting for night operations.
- Designed to operate at maximum temp of 52°C.
- Low ownership cost.
- Ease of access to service points with wider lockable doors.
- Compact and easy to transport and manoeuvre.
- Ease of adjusting the height of towing equipment for various applications.
- Towing speed of 30 Km/hr.

### ▲ Optional Features

- Skid version (LRG - Less Running Gear)
- Cold start kit

## ▲ PA400P Features <sup>2</sup>

### ▲ Standard Features

- 13.8 bar working pressure.
- Compact and easy to transport and manoeuvre.
- Rugged enclosure for dusty environment.
- Can operate at maximum ambient of 52° C.
- The cool box design ensures low temperature inside the box, as well as improved durability and reliability.
- Maintenance free batteries ensure zero maintenance cost.
- Highly fuel efficient in its class.
- Low ownership cost.
- Copiously sized fuel tank can support 8 hours of continuous operation.
- Maximum towing speed of 30 km/hr.
- Ease of adjusting the height of towing equipment for various applications.
- Wider doors ensure ease of serviceability.

### ▲ Optional Features

- Skid version (LRG - Less Running Gear)
- Cold start kit

## ▲ PA435 Features 2

### ▲ Standard Features

- Compact and easy to transport and manoeuvre.
- Rugged enclosure for dusty environment.
- Can operate at maximum ambient of 52° C.
- The cool box design ensures low temperature inside the box, as well as improved durability and reliability.
- Maintenance free batteries.
- Highly fuel efficient in its class.
- Low ownership cost.
- Copiously sized fuel tank can support 8 hours of continuous operation.
- Maximum towing speed of 30 km/hr.
- Ease of adjusting the height of towing equipment for various applications.
- Wider doors ensure ease of serviceability.

### ▲ Optional Features

- Skid version (LRG - Less Running Gear)
- Cold start kit

### ▲ Key Specifications

	PA450	PA400P	PA435	PA600
Free Air Delivery	450 (12.7) cfm (m <sup>3</sup> /min)	400 (11.3) cfm (m <sup>3</sup> /min)	435 (12.3) cfm (m <sup>3</sup> /min)	600 (17) cfm (m <sup>3</sup> /min)
Pressure	150 (10.3) psi (bar)	200 (13.8) psi (bar)	150 (10.3) psi (bar)	100 (6.9) psi (bar)
Engine	Cummins - 6BTA5.9C	Cummins - 6BTA5.9C	Cummins - 6BTA5.9C	Cummins - 6BTA5.9C

### ▲ Compressor - Rotary Screw

	PA450	PA400P	PA435	PA600
Number of Stages	1	1	1	1
Free-Air Delivery	450 (12.7) CFM (m <sup>3</sup> /min)	400 (11.3) CFM (m <sup>3</sup> /min)	435 (12.3) CFM (m <sup>3</sup> /min)	600 (17) CFM (m <sup>3</sup> /min)
Operating Pressure	150 (10.3) psi (bar)	200 (13.8) psi (bar)	150 (10.3) psi (bar)	100 (6.9) psi (bar)
Pressure Range	70 - 170 (4.8 - 11.7) psi (bar)	100 - 210 (6.9 - 14.5) psi (bar)	70 - 170 (4.8 - 11.7) psi (bar)	70 - 120 (4.8 - 8.3) psi (bar)
Air Discharge Outlet Size	0.75 (19) & 2 (50.8) in (mm)	0.75 (19) & 2 (50.8) in (mm)	0.75 (19) & 2 (50.8) in (mm)	0.75 (19) & 2 (50.8) in (mm)
Air Discharge Outlet Quantity	2 & 1	2 & 1	2 & 1	6 & 1

^ Engine				
	PA450	PA400P	PA435	PA600
Make	Cummins	Cummins	Cummins	Cummins
Model	6BTA5.9C	6BTA5.9C	6BTA5.9C	6BTA5.9C
Emission Norms	Non-Emission	Non-Emission	Non-Emission	Non-Emission
Number of Cylinders	6	6	6	6
Power Rating	169 (126) hp (kW)	169 (126) hp (kW)	142 (106) hp (kW)	169 (126) hp (kW)
Rated Speed	1950 rpm	1950 rpm	2100 rpm	2100 rpm
Idle Speed	1300 rpm	1300 rpm	1300 rpm	1300 rpm
Fuel tank capacity	190 L	190 L	190 L	190 L

^ Electrical System				
	PA450	PA400P	PA435	PA600
Battery Rating	24V 65Ah	2 X 24V 65Ah	12V 65Ah	24V 65Ah

^ Dimensions With Running Gear				
	PA450	PA400P	PA435	PA600
Length	4060 (160) mm (in)	4060 (160) mm (in)	4060 (160) mm (in)	4060 (160) mm (in)
Width	2030 (79.9) mm (in)	2030 (79.9) mm (in)	2030 (79.9) mm (in)	2030 (79.9) mm (in)
Height	2190 (86.2) mm (in)	2190 (86.2) mm (in)	2190 (86.2) mm (in)	2190 (86.2) mm (in)
Shipping Weight	2150 (4740) kg (lbs)	2150 (4740) kg (lbs)	2125 (4690) kg (lbs)	2150 (4740) kg (lbs)
Working Weight	2350 (5180) kg (lbs)	2350 (5180) kg (lbs)	2325 (5125) kg (lbs)	2350 (5180) kg (lbs)

^ Dimensions Skid Version				
	PA450	PA400P	PA435	PA600
Length	2755 (108.5) mm (in)	2755 (108.5) mm (in)	2755 (108.5) mm (in)	2755 (108.5) mm (in)
Width	1425 (56) mm (in)	1425 (56) mm (in)	1425 (56) mm (in)	1425 (56) mm (in)
Height	1873 (73.7) mm (in)	1873 (73.7) mm (in)	1873 (73.7) mm (in)	1873 (73.7) mm (in)
Shipping Weight	1850 (4078) kg (lbs)	1850 (4078) kg (lbs)	1825 (4023) kg (lbs)	1850 (4078) kg (lbs)