

Tornado



The Sauer Tornado is offered in a variety of configurations to meet your specific needs.

Sauer Compressors has added the Tornado series to our product line for pressures up to 6000 psi. This design will allow our customers who require smaller outputs to benefit from Sauer’s recognized high-quality products.

The Tornado series consists of the three-stage WP 3215 and the four-stage WP 4325. The vertical arrangement of the running gear and the horizontal cylinders allow for superior mass balancing and efficiency.

■ Compression

- 3 and 4 compression stages
- Coolers and separators after each compression stage
- High efficiency suction and delivery valves

■ Integrated Packages

- Sound Dampening Canopy
- Control Panel
- Condensate Collection
- “Plug and Play” Design

■ Running Gear

- Vertical crankshaft supported on journal bearings
- Conn-rods with split plain big-end bearings
- Trunk piston for all stages
- Radial cylinder arrangement in a “star”

■ Lubrication

- Integrated low pressure oil pump system
- High pressure cylinder lubrication not required

■ Drive

- Direct via flexible coupling



Technical Data

Tornado	WP 3215	WP 4325	WP 3215	WP 4325
Speed max. [rpm]	1170	1170	1770	1770
Cylinders	3	4	3	4
Stages	3	4	3	4
Outlet pressure max. [psig]	4000	6000	4000	6000
Flow rate @ 1770 rpm and max. pressure [Scfm]	7	10	10	15
Shaft power	6	11	11	16
Oil content at air outlet [ppm]	< 3	< 3	< 3	< 3
Weight [lbs] without enclosure with enclosure	715 1100	814 1300	715 1100	814 1300
Max. sound pressure level @ 3 ft. [dB(A)] with sound-proof enclosure without sound-proof enclosure	< 71 < 80	< 71 < 80	< 75 < 83	< 75 < 83

