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8000MAX Series

Random Orbital Sanders



MAX Performance. MAX Finish.

In keeping with the tradition of Ingersoll Rand MAX tools, 8000MAX Series Random Orbital Sanders deliver MAX Power and MAX Productivity for all of your body, prep, and finishing work — and now offer a new level of MAX Comfort, with less vibration and a lightweight ergonomic design.

MAX Comfort

Low vibration and lightweight ergonomic design
reduce operator fatigue

MAX Power

Powerful 0.20 kW (0.27 hp) motor and variable-speed regulator
deliver the performance required for ALL of your finishing jobs

MAX Productivity

Reduced vibration and improved stability increase abrasive pad life and help create a smoother finish

| Model | Rated power W (hp) | Free speed rpm | Orbit diameter mm (in) | Backing pad diameter mm (in) | Backing pad type | Vacuum-ready | Vibration* m/s ² , K | Sound pressure** dB(A) | Weight kg (lbs) | Length mm (in) | Air consump. at load l/min (cfm) |
|---------|-----------------------|-------------------|---------------------------|---------------------------------|------------------|--------------|------------------------------------|---------------------------|--------------------|-------------------|-------------------------------------|
| 8101MAX | 200 (0.27) | 0-11500 | 2.5 (3/32) | 150 (6) | PSA | No | 8.6/2.8 | 76 | 0.75 (1.65) | 160 (6.3) | 360 (12.7) |
| 8102MAX | 200 (0.27) | 0-10500 | 5 (3/16) | 150 (6) | PSA | No | 7.0/2.3 | 76 | 0.75 (1.65) | 160 (6.3) | 360 (12.7) |
| 8103MAX | 200 (0.27) | 0-9500 | 10 (3/8) | 150 (6) | PSA | No | 7.9/2.6 | 76 | 0.80 (1.75) | 160 (6.3) | 360 (12.7) |
| 8201MAX | 200 (0.27) | 0-11500 | 2.5 (3/32) | 150 (6) | Hook & Loop | Yes | 7.2/2.4 | 76 | 0.75 (1.65) | 200 (7.9) | 360 (12.7) |
| 8202MAX | 200 (0.27) | 0-10500 | 5 (3/16) | 150 (6) | Hook & Loop | Yes | 6.9/2.3 | 76 | 0.75 (1.65) | 200 (7.9) | 360 (12.7) |
| 8203MAX | 200 (0.27) | 0-9500 | 10 (3/8) | 150 (6) | Hook & Loop | Yes | 6.8/2.2 | 76 | 0.80 (1.75) | 200 (7.9) | 360 (12.7) |

Performance figures are at 6.2 bar (90 psi) air pressure.

Air inlet for all modes is 1/4" NPT.

Minimum hose size for all models is 8 mm (5/16").

Backing pad screw thread diameter – M8

* ISO 28927 — Vibration level / Measurement uncertainty.

** ISO15744.



8100MAX & 8200MAX

8200MAX

Ergonomic grip is uniquely designed with an anti-slip rubber compound, providing the ultimate in comfort and style

Patented throttle lever design provides stable, ergonomic hand support

Exhaust silencer includes a multi-stage noise suppression filter for the quietest operation in its class with no sacrifice in performance



Multi-hole slim backing pad lowers the center of mass, improving tool stability

Double bearing design improves protection of the motor from dust and contaminants, thus increasing durability and performance

8100MAX



Pad wrench storage keeps wrench conveniently available for fast backing pad changes.



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