



5000 Bodymaker

The 5000 Bodymaker is an advanced, horizontal, double-action press for production of steel or aluminum DWI cans at high speeds and efficiencies.

Designed ultimately to be capable of 500 strokes per minute, the 5000 has already run at speeds up to 420 cans per minute in production. The increase in speed has been made possible by a greatly simplified drive mechanism, with the main drive connected directly to the crankshaft. Using sophisticated computer modeling techniques, the crankshaft has been overbalanced to minimize vibration. To improve reliability, an air bag based hold-down mechanism is used to control the cup redraw tooling.

The 5000 Bodymaker has a hydraulic clutch/ brake system fitted as standard to provide reliable machine control with minimal maintenance.

It incorporates CMB Engineering's well proven rapid stop module which controls braking to allow accurate stopping of the machine at high speeds.

The 5000 Bodymaker tool cradle can be designed to suit your specific tooling requirements.

Benefits

- 400 spm or more – higher speeds increase line cost-effectiveness and reduce overall capital cost
- Improved hold-down mechanism for cup redraw to improve reliability and accuracy
- Overbalanced crankshaft to minimize vibration
- Hydraulic clutch and brake for accurate stopping at high speeds and reduced maintenance
- Rotary turret discharge with vacuum/ magnetic interconnecting conveyor for smoother handling
- Improved lubrication system
- Better access for easy maintenance and quick changes

Contact our team to find out more about the 5000 Bodymaker

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We engineer your success
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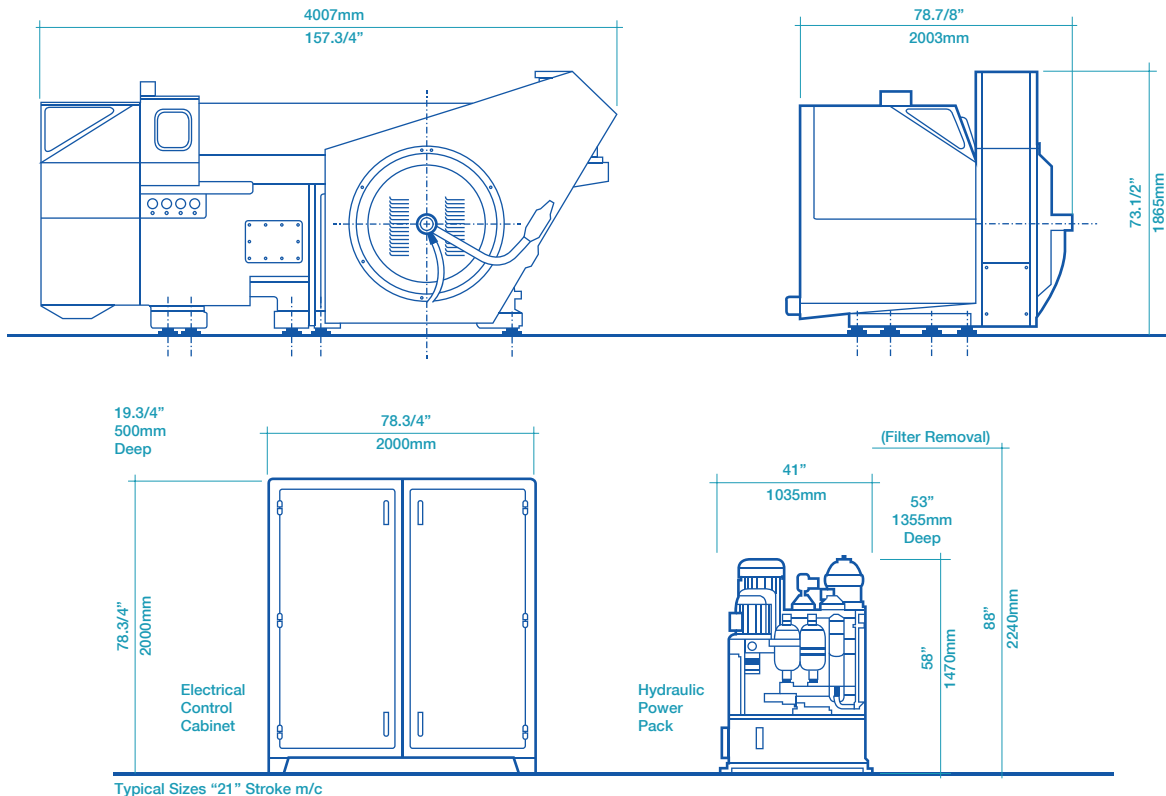
Ram guidance is provided by either a coolant-fed non-metallic bush or a high pressure oil-fed hydrostatic bush. A separate low pressure lubrication system feeds the main bearings, swinglever and cam followers

The bodymaker can be fitted with an optional dual stroke swinglever, allowing for flexibility in machine configuration

The bodymaker discharge conveyor is quick and easy to set up for quick changeovers. This can be configured for different bodymaker/ trimmer positions

Technical data

| | | | | |
|---------------------------|---|---|---------------------------|--------------------------|
| Stroke: | 21" (534mm) | 22" (575mm) | 26" (660mm) | 30" (660mm) |
| Max. can height: | 33cl/12oz Steel/Aluminum | 25cl(202dia)/37.5cl Steel/Aluminum | 44/50cl Steel/Aluminum | 1000ml Steel/Aluminum |
| Max. can diameter: | 52-73mm (202-300) | 52-73mm (202-300) | 65-73mm (211-300) | 65-73mm (211-300) |
| Main Motor: | 55 Kw (74hp) | | | |
| Air: | Supply: 5.5bar (80psi) min | Consumption: 3.0m ³ /min (110' ³ /min) at 6.2 bar (90psi) | | |
| Vacuum: | Supply: 0.6bar (18" of HG) | Consumption: 70m ³ /hr (43'/min) | | |
| Trimmer: | 24m bar (10" of water gauge) | 31m ³ /min (1100' ³ /min) | | |
| Conveyor: | | | | |
| Typical weight: | 5500 Canmaker: Control cabinet: Hydro lub pack: | 1400Kg (30840lbs) 1300Kg (2860lbs) 1360Kg (3000lbs) | | |
| Guards: | Complete safety guarding, electronically interlocked to the control system. Fully conforms to the requirements of the European Machinery Safety Directive | | | |



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