

SPEEDSTAR

The Speedstar O-frame press is based on the proven Unistar design, but specifically developed for ultra-high-speed applications of up to 300 strokes per minute.

The sheet feeding system is driven by linear motors, providing significantly higher performance and reduced maintenance requirements compared to conventional spindle-driven systems.

The fully automated sheet-feed system includes sheet destacking, an alignment table for safe and precise sheet positioning, and a skeleton ejection unit. The system is designed for high output rates and is working without any idle strokes.

Customers can choose between two sheet lubrication systems: roller lubrication or spray lubrication.

Main Technical Features

- Robust press body in extra-thick, welded steel design, heat-treated for stress relief
- Suitable for single, double, and multiple die tooling
- Integrated hydraulic overload protection system
- With cooling system for conrod, alternative also for the toolings

Sheet Feeding

- Fully automatic operation: complete process from destacking to stamping
- with 4-axis feeding systems, with linear motors

Technical Data

- Minimum sheet size: 700 × 700 mm
- Sheet thickness range: 0.13 mm to 0.49 mm
- Maximum sheet size: 1200 × 1200 mm

