

SGD 330

MAIN DATA

- Max. Speed = 220 cuts/min
- Min. motion time = 120 msec
- Max. jump = 40° (at max speed)

BENEFIT

- No belt transmission
- Adjustable mechanical end-strokes
- Automatic scoops central positioning
- High rigidity and low inertia
- Very low vibrations at high speed
- High reliability
- Direct drive systems with planetary gearbox and ceramic ball screw

TECHNICAL FEATURES

- Interchangeable with the previous version
- Motion control with electronic cams
- Controlled by integrated or stand-alone system
- Interface with any type of machine
- Programming of the data by operator's computer or hand-terminal
- Easy and efficient trouble diagnostic
- 22° rotating in stand-by position

MECHANISM DESCRIPTION

- Motion control with standard brushless motor
- Coaxial epicyclic reduction gear
- Use of a ball screw for the linear motion of the scoops rack
- Double linear guides (rollers and bushings)
- Double pneumatic cylinders for the emergency central positioning
- Ball screw and guides in oil
- Proximity switch for the control of the working position
- Motor cooling with fan air
- Shock absorber for the inlet motion
- Emergency position for safety

