SERVO GOB DISTRIBUTOR

- SGD 330
- SGD X3 MultiDrive
SGD 330

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

Benefits
- No belt transmission
- Adjustable mechanical end-strokes
- Automatic scoops central positioning
- High rigidity and low inertia
- Very low vibrations at high speed
- High reliability

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

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
SGD X3 MultiDrive

Main data
• Max. Speed = 240 cuts/min
• Min. motion time = 100 msec
• Max. jump = 64° (at max speed)

Benefits
• Electronic independent position control for each scoop
• Possibility to independently align each scoop with trough
• Great improvement of gobs delivery on high production machines with multi-gobs delivery equipment
• High rigidity and low inertia for high performances
• Very low vibrations at high speed
• High dynamic response
• High reliability

Technical features
• Interchangeable with the previous version
• Motion control with independent electronic cams per gob
• Emergency with stand-by position out of the glass flow
• Controlled by electronic 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
• Local control panel with start, stop, manual MODE, jog, emergency, hand terminal connector

Mechanism description
• Motion control with independent brushless motor for each scoop
• Direct drive system with pinion-rack for each scoop
• Pinions, racks and guides all in oil (scoop holder too)
• Pneumatic cylinders for the emergency central positioning
• Proximity switch for the control of the working position
• Motor cooling with fan air

PATENTED PENDING