J&S engineering

DISC PARTS COLLECTOR

DPC1000

Manufactured in the UK by J&S Engineering

Disc Component Handling system

The Disc parts collector is designed to cater for components produced on multi-tasking turning centres. This product allows for lights out or unattended running for many hours. Conventionally, parts fall from the machine into a parts bucket which not only causes damage but requires regular unloading.

This system places components from the output conveyor one by one onto the connecting programmable rotating table with a controlled distance between parts.

This separation reduces the risk of part damage but also allows for greater unmanned running times due to the capacity of the system.

The programmable parts handler allows for consistency when unloading and storing parts at the machine to aid tolerance checking.

Three disc sizes are available – 1m, 1.2m and 1.5m, ensuring different capacity, parts size and batch quantity options can be catered for.

Standard features

- Colour operator panel (5.7"LCD touchscreen display)
- Worm-box driven table (metal geared)
- Heavy duty 4-bearing table support for high load capacity
- Strong reinforced fabricated frame (minimum 2.5mm material)
- Webbed hexagon design provides strength and stability
- Durable powder-coated finish (2 colours)
- Compact footprint
- Adjustable height (400mm – 1400mm in +/- 25mm increments - fine adjustment on feet)
- Hard wearing plastic top (oil resistant)
- 8amp single phase power supply
- Machine status light beacons
- Standard belt length 900mm – standard width 140mm
- Left or right hand configurations (including screen position)
- Multiple screen positions (rotating bracket)
- High quality urethane conveyor belt (oil-resistant)
- 3-foot design ensures stability
- Caster wheels for machine and conveyor

Key benefits

- Protects component to component contact damage
- Controlled separation of delicate parts
- High capacity for unmanned operation
- Parts counter
- Reduced coolant loss with auto-recirculation

Optional extras

- Four-wheeled adjustable height base with easy winding handle mechanism (height range 400m-1400mm)
- Custom powder coat colours and finishes
- Extra conveyor
- Additional cable length
- Longer length / width conveyor
- Aluminium top plate (replaces plastic top)
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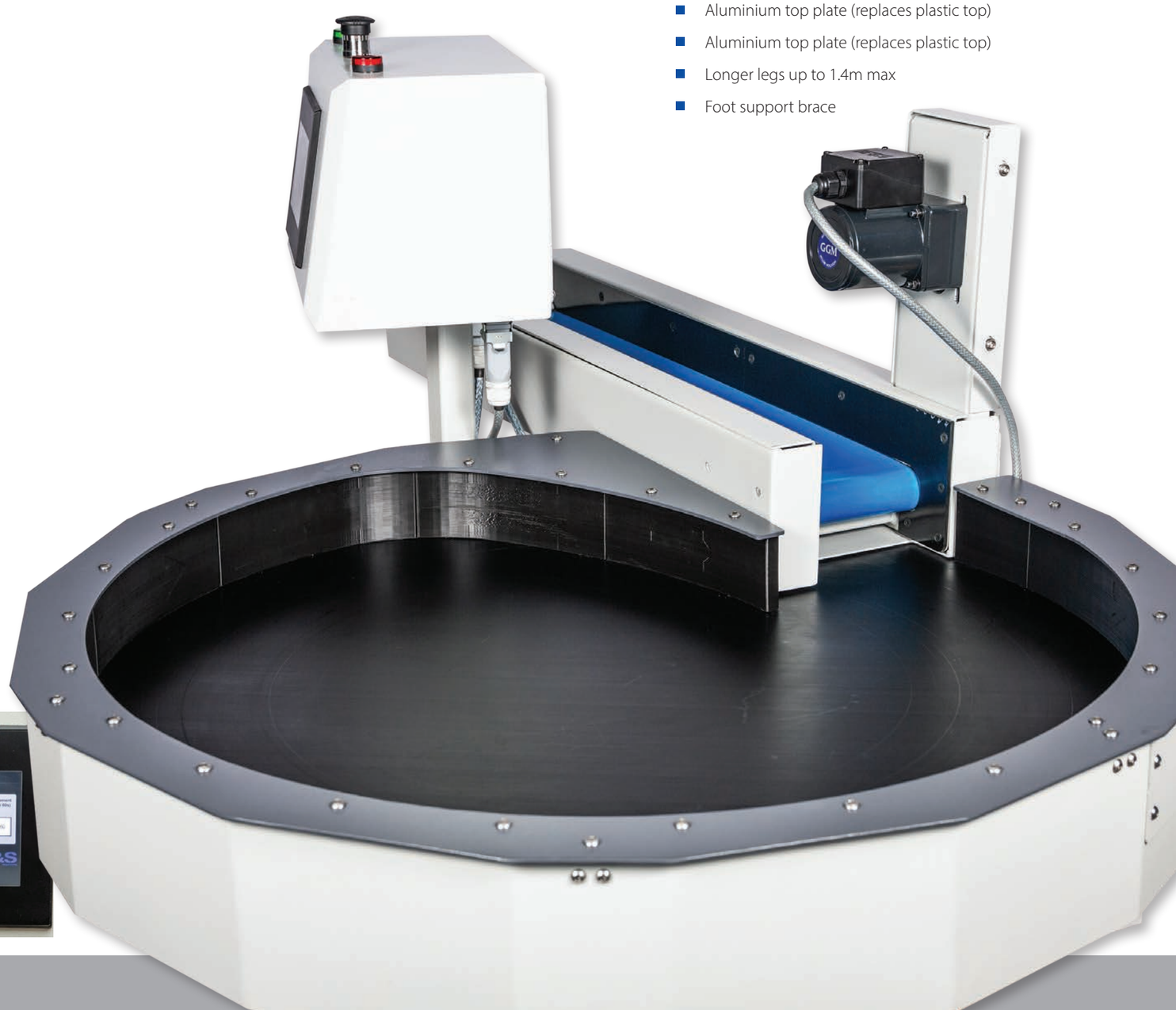
- Longer legs up to 1.4m max
- Foot support brace



+44 (0)1242 679386

info@jandsengineering.com

www.jandsengineering.com

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J&S Engineering UK Ltd, Evesham Road, Bishops Cleeve,
Cheltenham, Gloucestershire GL52 8SA