

# Qmax2™

The ALL New Comprehensive Contamination Sorter

## Highlights

- Leader of Sorting Technics
- Removes various types of White and Transparent PP including Strings
- Modern Technology with wide Visible and Invisible Spectrum together with UltraSonic Detection
- Positioned after Final Beater of all Blow Room Lines
- Controlled Lint Loss



# PREMIER

*i*Q  
intelligent QUALITY

# Qmax2™

## Technical Data\*

### Contaminations Detected

- All Plastics including Coloured / Transparent / White PolyPropylene Strings, Sheets, Films etc,
- Paper, Fabric, Feather, Jute bits etc

### Line Integration

- At end of the Blow Room Line, connected after final beaters like Flexiclean, Supremoclean (LMW), Uniflex, A79R (Rieter), CVT or CLC (Trutzschler) and Fine Opener (Crosrol) or equivalent other makes
- Material Flow from Top to Bottom
- Input duct: 1100 x 80 mm

### Key Technology

- Precise detection using Color De-coding module with Visible Spectrum and Dual Core High Speed Parallel Image processing
- InfraRed, UV and Ultrasonic Modules for effective detection of Transparent and White PP
- Focused 'Transfer Zone' Ejection System

### Power Supply

- Single Phase 1.5 kW Consumption (for machine electronics)
- Three Phase 0.75 kW Consumption (for evacuation motor)

### Configuration

- Production rate up to 1200 kg/h
- Material velocity up to 20 m/sec
- Auto correction for tuft speed variations

### Material Ejection

- Pneumatic ejection and Automatic removal of Ejected Material

### Output Parameters

- Ejections : Shift wise and Mix wise
- Alarm for exceptions

### Calibration

- Automatic and Manual Calibration

### Ambient Conditions

- Relative humidity : 40 to 65%
- Temperature : 5° to 55°c

### Compressed Air Requirement

- Approx 3 m<sup>3</sup>/hr at 6 Bar
- \* Subject to change without prior notice

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