SHAPA Website Product Categories

| Bulk bag handling and sack handling | |
|-------------------------------------|--|
| Bag emptying | |
| Bag emptying | |
| Bulk Bag Dischargers | |
| IBC emptying | |
| Sack emptying | |
| Sack slitters | |
| Bag filling | |
| Bag fillers | |
| Bulk bag fillers | |
| IBC fillers | |
| Sack Fillers | |
| Drum emptying | |
| Drum emptying | |
| Packaging | |
| Packaging Systems | |
| Palletising | |
| Sack lifting | |
| Sack placing | |
| Sack sealing | |

Products

| Bulk materials handling, storage, explosion protection | ··· |
|--|----------|
| Bin activators and bin dischargers | - V |
| Bin activators | * |
| Bin dischargers | √ |
| Discharge aids | √ |
| Silo dischargers | √ |
| Bulk materials handling systems | |
| Bulk materials handling systems | |
| Process plant systems | |
| Bulk storage and hoppers | |
| Bulk hoppers | |
| IBCs | |
| Silos | |
| Storage Bins | |
| Explosion protection | |
| Explosion protection equipment | |
| Explosion vents | |
| Flameless Explosion Vents | |
| Silo cleaning | |
| Acoustic cleaners | |
| Silo cleaning equipment | |
| Silo cleaning services | |

| Consultancy, Training, Testing & Troubleshooti | ng | |
|--|----|--|
| Consultants | | |
| Acoustics and Noise | | |
| ATEX / Explosion and Fire | | |
| DSEAR Compliance | | |
| Equipment design and assessment | | |
| Expert Witness Work | | |
| Systems | | |
| Design Services & Testing | | |
| Characterisation | | |
| Feasibility studies | | |
| System Design | | |
| Training | | |
| ATEX / DSEAR | | |
| Troubleshooting | | |
| Hopper feed & discharge | | |
| Mechanical conveying problems | | |
| Particle attrition & plant wear | | |
| Pneumatic conveying problems | | |
| Segregation & caking | | |
| System performance problems | | |

| Particle attrition & plant wear | |
|---------------------------------|---|
| Pneumatic conveying problems | |
| Segregation & caking | |
| System performance problems | |
| | |
| Conveyors and Elevators | |
| Belt conveyors | • |
| Belt conveyors | 4 |
| Air assisted conveyors | |
| Bucket elevators and conveyors | |
| Bucket conveyors | |
| Bucket elevators | |
| Mechanical conveyors | |
| Aero mechanical conveyors | |
| Centreless Screw conveyors | |
| Chain conveyors | |
| En-masse conveyor-elevators | |
| Flexible Screw Conveyors | |
| Screw Conveyors | 4 |
| Tubular chain conveyors | |
| Vibrating conveyors | |
| Vibrating conveyors | |

| Dust collection and Air Conveying | |
|------------------------------------|----------|
| Air compressors and Fans | |
| Air compressors | |
| Blowers and exhausters | |
| Industrial Fans | |
| Classifiers | |
| Air Classifiers | |
| Cyclones | |
| Dust collection, dust extraction | 4 |
| Cartridge filters | √ |
| Dust extraction systems | 4 |
| Filter media | 4 |
| Industrial dust collection systems | |

| Dust control equipment/systems | |
|---------------------------------|--|
| Centralised vacuum cleaning | |
| Dust detectors | |
| Dust monitors | |
| Industrial dust control systems | |
| Pneumatic conveyors | |
| Pneumatic conveying systems | |
| Vacuum conveyors | |
| Vacuum cleaning systems | |
| Vacuum conveying | |
| Vacuum conveying systems | |
| | |
| Ducting and industrial hose | |
| | |

| Flexible duct, metal ducting | 4 |
|---------------------------------|----------|
| Flexible ducting systems | √ |
| Metal ducting | |
| Flexible hoses, industrial hose | |
| Industrial flexible hoses | - V |
| Industrial hose | * |

| Granulation equipment | |
|-------------------------------|--|
| Grinding equipment | |
| | |
| Industrial grinding equipment | |
| Pulverisers | |
| | |

| Actuators | |
|-------------------------------------|----------|
| Actuators | 1 |
| Butterfly valves, iris valves | |
| Butterfly valves, pinch valves | 4 |
| Iris valves | |
| Membrane valves | |
| Plug valves | |
| Disc Valves | |
| Disc Valves | |
| Diverter valves, dome & flap valves | |
| Diverter valves | |
| Dome valves | |
| Flap valves | |
| Gravity diverter valves | |
| Rotary valves, seals and air slides | |
| Rotary valve systems | |
| Rotary seals | |
| Air slides | |
| Blowing seals | |
| Sampling systems, sampling valves | |
| Cross cut samplers | |
| Gravity sampling | |
| Pneumatic line sampling | |
| Sampling systems, sampling valves | |
| Slide valves | - |
| Slide valves | 4 |

| Metal detectors and magnetic separators | |
|---|--|
| End of line metal detectors | |
| End of line metal detection equipment | |
| Inline metal detectors | |
| Inline metal detection equipment | |
| Magnetic separators | |
| High intensity magnetic separators | |
| Metal Detection | |
| Metal Detection | |
| Product Inspection | |

| Mixers, powder blenders and blending Blending systems | |
|---|-----|
| | |
| Industrial Blenders | |
| Dryers | |
| Industrial Dryers | |
| Mixers | - 4 |
| Industrial mixers | |

| Noise Reduction & Containment | |
|-------------------------------|--|
| Noise | |
| Acoustic doors | |
| Acoustic enclosures | |
| Acoustic louvres | |
| Acoustic panels | |
| Attenuators / Silencers | |
| Noise surveys | |
| Sound havens | |

| Level control systems | |
|-----------------------------------|----------|
| Level control systems | * |
| Level indication | * |
| Process instrumentation & control | |
| Process control systems | |
| Process instrumentation systems | |
| SCADA Systems | |

Separators Separators Sieves and sieve shakers

Weighbridges
Load Cells
Load Cells
Screw Feeders
Gravimetric Screw Feeders
Loss in Weight Screw Feeders
Volumetric Screw Feeders
Vibrating Feeders
Vibrating Feeders

| Industrial sieves and shakers | • |
|--------------------------------|----------|
| Sifters | |
| Sifters | 4 |
| | |
| Weighing and Feeding equipment | |
| Batch feeding and weighing | |
| Batch feeding | |
| Batch weighing | |
| Batching systems | |
| Belt Feeders | |
| Gravimetric Belt Feeders | |
| Loss in Weight Belt Feeders | |
| Volumetric Belt Feeders | |
| Continuous Weighers | |
| Belt weighing | |
| Continuous Weighing | |
| Industrial weighing systems | |
| Checkweighers | |
| Industrial weighing systems | |
| | |

| Company | ProSpare | |
|---------|----------|--|
| | | |

| Completed by | David Moore | |
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| ²⁹ /08/2014 | |
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