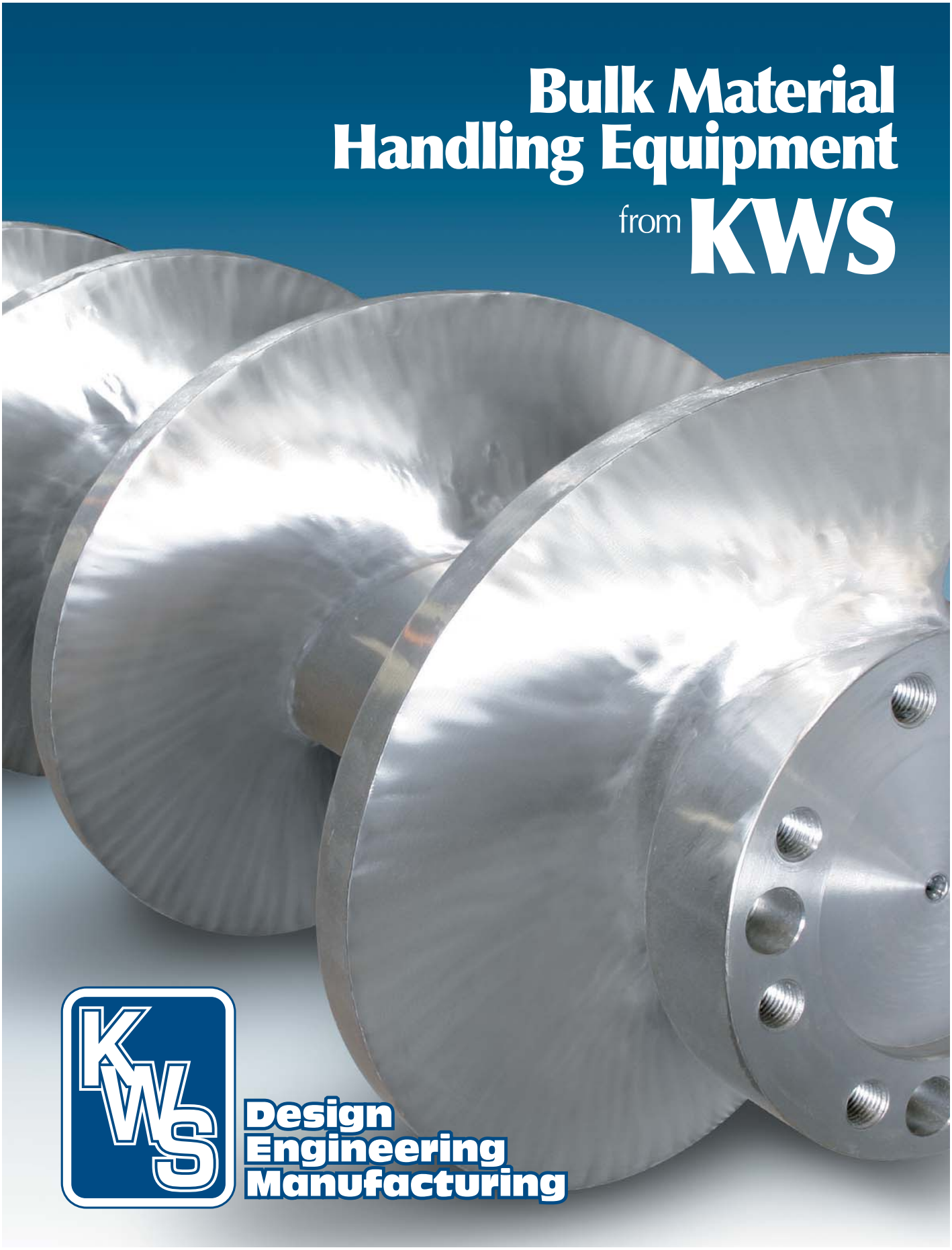
Customer Service (704) 983-3188

Bulk Material Handling Equipment from KWS



Design
Engineering
Manufacturing

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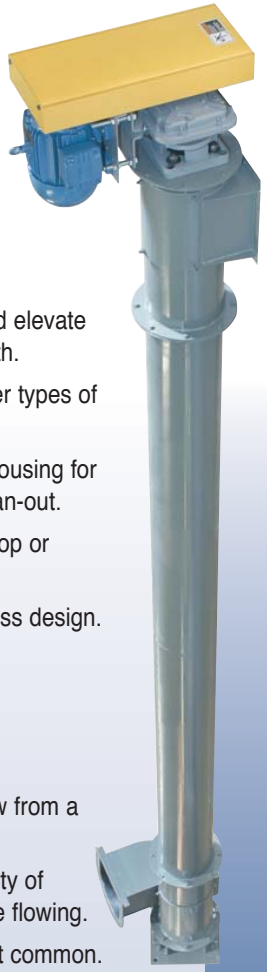
KWS offers a wide range of bulk material handling equipment to meet the needs of today's industries.

Shafted Screw Conveyors

- Cost effective device for moving bulk materials.
- Compact and easily adapted to congested locations.
- Can be used to mix, blend or agitate while conveying.
- Can be employed in a horizontal or inclined installation.
- Available in a wide variety of materials to resist corrosion, abrasion or heat.

Shaftless Screw Conveyors

- Efficiently conveys dry, semi-fluid or sticky materials.
- Alloy steel spirals are available in hardness up to 300 BHN.
- Can be equipped with metallic or non-metallic liners and/or wear bars.
- No central shaft or hanger/bearing to snag material or decrease conveyor capacity.



Vertical Screw Conveyors

- Effective means to convey and elevate bulk materials in a vertical path.
- Requires less space than other types of elevating equipment.
- Available in non-split or split housing for ease of maintenance and clean-out.
- Drive can be mounted at the top or bottom of the unit.
- Available in shafted or shaftless design.

Screw Feeders & Live Bottoms

- Used to control the rate of flow from a bin or hopper.
- Ideal for handling a wide variety of materials from sluggish to free flowing.
- Single screw feeders are most common.
- A screw feeder may be a separate unit, or it may be extended by sections of a normal screw conveyor to any practical length.
- Live Bottom Screw Feeders offer the ability to utilize multiple screws to feed material from broad base bins.

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Bucket Elevators

- Can elevate a variety of bulk materials from light to heavy and from fine to large lumps.
- Available in centrifugal and continuous style.
- Optional chain or belt configuration.
- Buckets can be provided in steel, malleable iron or non-metallic material.
- Housing is available in carbon steel, stainless steel or abrasion resistant steel.

Custom Fabrication & Engineering

KWS brings experience and technology into the custom fabrication of equipment designed to meet your specific needs.

Our products are built from customer supplied drawings or designs from the KWS Engineering Department. Every piece of equipment that leaves our plant will meet or exceed your expectations.

Other Engineered Products:

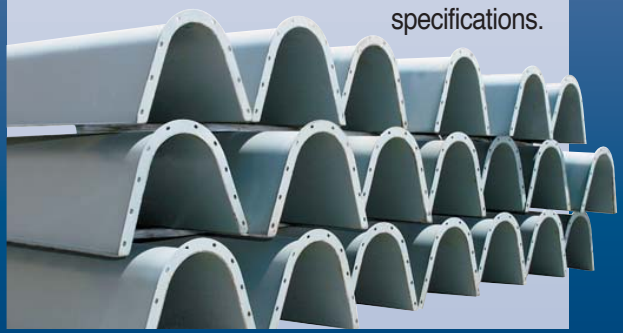
- **Hoppers • Blenders • Mixers**
- **Bins & Silos • Drag Conveyors**
- **A.S.M.E. Pressure Vessels**
- **Slide Gates • Chutes**
- **Hollow-Flight Processors**

Component Parts

- KWS maintains a large inventory of C.E.M.A. standard components. All are available for immediate shipment.

- **Helicoid Screws • Sectional Screws**
- **End, Drive and Coupling Shafts**
- **Hangers and Hanger Bearings**
- **Troughs • Trough Ends and Seals**
- **Trough Covers • Inlets / Discharge Spouts**

- Made-to-Order C.E.M.A. standard components can also be modified for special applications.
- O.E.M. Equipment & Parts are manufactured to exact customer specifications for new equipment or replacement parts.
- Our commitment to full service and support of our customers extends to Repairs and Rebuilds on O.E.M equipment to original specifications.



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Design

Engineering

Manufacturing

Project Management

Site Service & Support

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