



# Hycor<sup>®</sup> Rotoshear<sup>®</sup>

## Internally-fed Rotating Drum Screen

### Rebuild & Retrofit

- Parkson-certified labor
- Parkson-certified engineering
- Work performed on-site
- Parkson-certified training upon completion
- Replacing wearable items will reduce the risk of downtime



# Time for a check-Up?

The Rotoshear® Internally-fed Rotating Drum Screen Rebuild & Retrofit Program is capable of replacing every component and part of your rotary drum screen. This ensures that the Rotoshear® unit will be refurbished to a like-new operating condition.

This exclusive service provides a one-year warranty for the Rotoshear® unit with a factory certified rebuild, onsite certified rebuild or supervised certified onsite rebuild. When the Rebuild or Retrofit is completed, a Parkson-certified specialist will provide an operational refresher course ensuring a smooth start-up of the equipment.

## Extensive Engineering Capabilities



Parkson has extensive engineering capabilities to custom design your rebuild and retrofit needs. No requests are too big or too small, from furnishing individual parts to complete unit rebuilds.

## Upgrade to an Automatic Chain Lubrication System



Automatic lubrication pump, integrated controls and oil reservoir, in NEMA 4X enclosure



Chain guide track lubrication applicator



Zero-speed sensor and amplifier



Worn drive system



Damaged cylinder



New chain and sprockets installed



Rotoshear® unit before rebuild with corrosion wear

## Features

- Wearable part replacement
- Parkson-certified labor
- Parkson-certified engineering
- Work performed on-site or at factory
- Parkson-certified training upon completion
- Performance-enhancing options

## Benefits

- Extends warranty to one-year for certified rebuilds
- Improves operational efficiency
- Minimizes downtime
- Avoids capital expense of new equipment
- Utilizes upgraded parts

# Parkson Rebuild & Retrofit Options

## Parkson-certified OEM Parts

### Features

- Customer purchases all recommended Parkson replacement parts and components
- Customer performs retrofit or rebuild without factory, Parkson Field Service or a certified Parkson installer
- Option is ideal for operators with extensive operational resources and knowledge
- Since no service is provided, 90 day warranty is granted on all parts

### Advantages

- Most economical option if knowledgeable labor is available
- Parkson OEM parts are supplied

## On-site by Owner with Parkson Supervision and OEM Parts

### Features

- Hands-on option allows customers to rebuild or retrofit the unit(s) themselves on-site using original, certified parts
- On-site supervision from a Parkson-certified specialist
- One-year warranty on the rebuilt equipment

### Advantages

- Best overall training opportunity
- Security of a Parkson-certified supervisor
- Parkson OEM parts are supplied

## Technicians and OEM Parts

### Features

- Parkson-certified specialist will complete the rebuild or retrofit at the customer's facility, replacing all recommended wear parts
- Newly reconditioned unit(s) will be placed back in operation without having been physically removed from the customer's plant
- One-year warranty on the rebuilt equipment

### Advantages

- On-site solution
- Allows for additional training opportunity
- Parkson OEM parts are supplied

## Parkson-certified Rebuild at Factory

### Features

- Hassle-free option allows the customer to send their equipment for rebuild or retrofit to the factory or Parkson-certified service center
- One-year warranty on the rebuilt equipment

### Advantages

- Most complete rebuild & retrofit
- One-stop solution
- Parkson OEM parts are supplied

## Optional Product Features

- Internal water spray bar to increase screen cleaning efficiency
- Zero-speed sensor: monitors cylinder rotation, with loss of motion an alarm can be sent to SCADA
- Automatic chain lubrication system to optimize chain and sprocket life
- Upgrade to a corrosion resistant chain
- Upgraded gear motors with more efficient design and simple maintenance

New  
Rotoshear®  
options and  
upgrades in  
development

# Service Maintenance Program

The Parkson Hycor® Rotoshear® Internally-fed Rotating Drum Screen Maintenance Program will provide the necessary preventative and periodic care to keep your Rotoshear® unit functioning optimally. Parkson offers monthly and quarterly programs.

Maintenance Activity	Frequency
Perform a general visual inspection	Quarterly or monthly depending upon program
Clean and inspect the screen cylinder	
Inspect the screen drive and drive sprockets	
Inspect chain oil reservoir and chain	
Inspect and lubricate trunnion wheels	
Inspect spray nozzles	
Check gear motor oil level	
Check gear reducer output shaft	Semi-annual
Perform a complete unit inspection	Annual
Change oil in gear reducer	
Clean and re-lubricate chain	
Repack motor bearings	

**In addition to these services, the Parkson Field Service Technician will provide the following:**

- Assessment of the screens' overall performance
- Assessment of the current maintenance practices and retraining of maintenance personnel if necessary
- Recommendation of any parts that may require repair or replacement prior to the next scheduled visit

**Benefits**

- Extended life of the unit and its consumables
- Insight into wear and tear
- Reduced risk of unplanned downtime
- Inspection of equipment performance and condition by knowledgeable, certified field service technician

**Maintenance Service Promotion for Your Rotoshear® Unit**

For customers with monthly maintenance programs, Parkson offers free labor associated with specific maintenance event(s) identified between scheduled service calls.

For customers with quarterly maintenance programs, Parkson offers a 25% discount on labor associated with specific maintenance event(s) identified between scheduled service calls.

This assumes that customers are complying with Parkson's identified service recommendations and are using Parkson-certified parts.



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