

# CAT® RECYCLING AND WASTE SOLUTIONS



## D7 MEDIUM DOZER



**265 HP**  
Net Power



**65,644 lb**  
Operating Weight



The broadest range of Cat® Grade technology offers up to **50%** more productivity

Move up to **8%** more material per hour with bigger blades and a 4-speed transmission

**CAT**  
LET'S DO THE WORK.™

# TRANSFER STATIONS

Visibility, reliability, maneuverability and flexibility are all key elements of any machine working in a transfer station. Wheel loaders like the **Cat® 950M** are specifically designed for stockpiling and truck loading while withstanding the harshest conditions.



Up to **10%** fuel efficiency increase



Up to **15%** lower maintenance costs



Next-gen operator-friendly design

## ATTACHMENTS

• High Dump Bucket • High Capacity Low Material Density Waste Bucket • Push and Doze Bucket • Tamp and Clamp Bucket • G300 Series Sorting Grapple • GSH Series Orange Peel Grapple • GSV Orange Peel Grapple

## MACHINES USED IN THIS APPLICATION



COMPACT/SMALL/MEDIUM WHEEL LOADERS:  
920, 938M, 950M, 962M, 966, 972



MATERIAL HANDLERS:  
MH3022, MH3024, MH3026



TRACK LOADERS:  
953, 963, 973K



SMALL TRACK AND WHEELED EXCAVATORS

# SORTING AND RECYCLING

Fast, maneuverable and durable equipment is necessary to keep sorting and recycling operations flowing. The **Cat® MH3024** material handler is fully adapted to a wide range of working conditions as well as a variety of material densities.



Up to **7%** more swing torque



Up to **10%** lower operating costs



**360°** machine view

## ATTACHMENTS

- High Dump Bucket
- High Capacity Low Material Density Waste Bucket
- Utility Grapple Bucket, Fusion™ Coupler
- Push and Doze Bucket
- Tamp and Clamp Bucket
- G300 Series Sorting Grapple
- Angle Broom and Sweeper Collector
- GSH Series Orange Peel Grapple
- GSV Orange Peel Grapple
- Carriage and Pallet Forks
- Woodchip Bucket

## MACHINES USED IN THIS APPLICATION



COMPACT/SMALL/MEDIUM WHEEL LOADERS:  
920, 938M, 950M, 962M, 966, 972



MATERIAL HANDLERS:  
MH3022, MH3024, MH3026



TRACK LOADERS:  
953, 963, 973K



SMALL TRACK AND WHEELED EXCAVATORS

## ATTACHMENTS

- High Dump Bucket
- High Capacity Low Material Density Waste Bucket
- G300 Series Sorting Grapple
- Angle Broom and Sweeper Collector
- Clamshell Bucket

## MACHINES USED IN THIS APPLICATION



MINI EXCAVATORS:  
304, 307.5, 308 CR VAB, 310



TELEHANDLERS



TRACK LOADERS:  
953, 963, 973K



SKID STEER LOADERS:  
226D3, 232D3, 236D3, 242D3,  
246D3, 262D3, 272D3



WHEEL LOADERS:  
938M, 950M, 966, 972, 980, 982

# GREEN WASTE AND COMPOSTING

The need for composting is expanding, and transforming green waste to compost requires a lot of material re-handling. Wheel loaders such as the **Cat® 938M** offer refined control and quick loading performance while burning less fuel.



**30%** lower engine speed for reduced fuel burn



Class-leading **68 dB(A)** sound level



Increased control for consistent, predictable stopping distances

# LANDFILL

There has never been more pressure to produce greater compaction and capacity ratios per ton per day. **Cat® landfill compactors** deliver field-proven protection and integrated technology to optimize landfill performance.



Improved guarding against damage, debris and chemicals



Enhanced operator comfort from quiet steering, new seat and adjustable controls



Up to **12%** less maintenance



## ATTACHMENTS

- All Purpose Bucket
- Waste Handling Bucket
- G300 Series Sorting Grapple
- Articulated Dump Truck Bulk Ejector
- Straight Blade
- Semi U-Blade
- U-Blade

## MACHINES USED IN THIS APPLICATION



LANDFILL COMPACTORS:  
816, 826K, 836K



TRACK LOADERS:  
953, 963, 973K



SMALL TRACK AND WHEELED EXCAVATORS



MEDIUM DOZERS:  
D5, D6, D6 XE, D7, D8



ARTICULATED TRUCKS:  
725, 730, 730EJ, 735, 740GC, 740EJ, 745

# ENERGY FROM WASTE

Our longstanding commitment to sustainability inspires us to improve the quality of the environment and the communities where we live and work.

Caterpillar has delivered thousands of generator sets fueled by landfill gas, which then convert these gases into valuable electricity and heat. These efforts have generated 1,600 MW of renewable electricity worldwide – enough energy to power 600,000 homes.



By using elevated jacket water temperatures, specialized exhaust valves and stainless steel aftercooler cores, these generator sets help combat the presence of contaminants in waste-generated gas to ensure durability and reduce operating costs.

# ATTACHMENTS



**ALL PURPOSE BUCKET**  
Designed for loading, carrying, stockpiling and backfilling.



**ANGLE BROOM & SWEEPER COLLECTOR**  
Ideal for cleaning working area to remove debris that can damage tires.



**ARTICULATED DUMP TRUCK BULK EJECTOR**  
Ejector body offers clean load ejection on-the-go with capability to work in low overhead clearance and soft underfoot conditions.



**CARRIAGE & PALLET FORK**  
Pallet forks are ideal for moving waste skips/containers and palletized material.



**CLAMSHELL BUCKET**  
Ideal for loading loose, small particulate green waste and composted material.



**FUSION™ COUPLER**  
With a fusion coupler, attachment offset is minimal, increasing machine performance.



**GSH SERIES ORANGE PEEL GRAPPLE**  
Ideal for loading into high-sided lorries and freight train carriages.



**GSV ORANGE PEEL GRAPPLE**  
Orange peel grapple is designed for handling large amounts of waste.



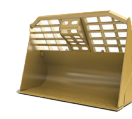
**G300 SERIES SORTING GRAPPLE**  
The bidirectional 360 degree rotation gives optimum maneuverability in every direction.



**HIGH CAPACITY LOW MATERIAL DENSITY WASTE BUCKET**  
Waste Handling Buckets move large volumes of low-density waste in transfer stations.



**HIGH DUMP BUCKET**  
Utilize dumping cylinders and a bottom hinge to "roll out" material.



**PUSH AND DOZE BUCKET**  
Available with rubber and steel cutting edges, this bucket is designed to push waste.



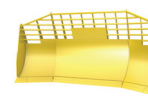
**SEMI U-BLADE**  
Equipped with a trash rack, it combines the dozing benefits of the straight blade with the additional capacity and control of the U-blade.



**STRAIGHT BLADE**  
An ideal landfill blade equipped with a trash guard that offers good visibility and additional capacity.



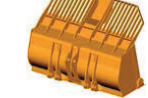
**TAMP AND CLAMP BUCKET**  
Also known as a waste handler, this bucket is ideal for full separation loading, picking, sorting and tamping.



**U-BLADE**  
Designed with angled ends for carrying and controlling waste over longer distances.



**UTILITY GRAPPLE BUCKET**  
Twin top clamps hold down paper, refuse and other loose material.



**WASTE HANDLING BUCKET**  
For moving large volumes of low-density waste in transfer stations, landfills and recycling yards.



**WOODCHIP BUCKET**  
A flat floor and straight-edge scoop the bucket full and help heap the load high.

# CAT® WASTE HANDLING FEATURES



## GENERAL/ALL PRODUCTS

### Pressurized Cabin Air Filtration

Increases cabin air pressure to keep dust out and provide additional air filtration.

### Variable Pitch/Reverse Fan

Allows waste elements to be blown away automatically or on demand.

### Cat Turbine Pre-Cleaner

Extends filter life with less restriction for better engine performance.

### Rearview Camera

Allows operator to see behind machine from a cab-mounted display.

## LANDFILL COMPACTORS/SMALL DOZERS/TRACK LOADERS



### Powershift Transmission

Uses steel-on-steel components to optimize power transfer.

### Built-in Protection

For vital components such as axles, engine, transmission, cab, tanks, radiators and seals.

### Striker Bars

Cleaner fingers to keep the wheels/tracks clean from trash and cover material.

### Easy Access

Effortless radiator access.

### Cab Door Screens

Protect glass doors from debris and provide good visibility to the blade.

### Various Undercarriage Options

For the best flotation and traction.

## WHEEL LOADERS



### Trelleborg Brawler Tires\*

Brawler™ HPS tires are designed with a durable cut-resistant compound and wide multi-step tread.

### Waste Guarding

- Lift Cylinder Baffles
- Narrow Steel Front Fenders
- Hitch and Steering Cylinder Guards
- Belly Guards
- Axle Seal Guards
- Light Guards
- Radiator Grille Guards
- Window Guards

## MINI EXCAVATORS



### Waste Guarding

- Light Guards
- Radiator Grill Guards
- Window Guards

## CAT COMPACTION TECHNOLOGY



- Maximizes airspace utilization
- Improves grade/slope control
- Tracks number of passes on working face
- Creates a safer environment

\*Brawler tires may not be available in some areas. Ask your local dealer for more information.