

WASTE HANDLERS



JOHN DEERE

624 P-TIER / 644 P-TIER / 644 X-TIER / 724 P-TIER / 744 P-TIER / 744 X-TIER LOADERS
850L / 950 P-TIER / 1050 P-TIER DOZERS
655K / 755K CRAWLER LOADERS



BUILT FOR TOUGH ENVIRONMENTS

John Deere waste handlers are engineered to meet the challenges of moving solid waste and tackling tough tasks at landfills, recycling facilities, scrapyards, and transfer stations. Durably constructed and fully fortified with the best customer-inspired features of our job-proven crawler dozers, crawler loaders, and wheel loaders, these material managers have what it takes to take out the trash — and help keep it out. See how they're built to work long and hard so you don't have to break a sweat.



BLOCK AND TACKLE

Guarding and seals have been added to protect the machine from damage and help prevent debris from entering the cooling system. Final-drive and axle-seal guards help deflect wrapping and prevent clogging. Optional hydraulic belly pans (loaders only) and rugged mainframes help keep these refuse crushers coming back for more.



TAKE CONTROL

From convenient controls that let you customize machine operation, to state-of-the-art multifunction monitors, to fully adjustable seats, these wasteland warriors are designed for productive comfort.



SERVICE SOLUTIONS

John Deere Connected Support™ leverages real-time data and alerts from machines via JDLink™ connectivity, enabling you and your dealer to optimize uptime, improve service capabilities, and lower costs. JDLink connectivity also provides real-time machine data to the John Deere Operations Center™ to help maximize productivity, efficiency, and utilization.



REA LIT



**READY-TO-ROLL
BETTER LINEUP.**



***BIG-TIME
DEBRIS BUSTERS.***



WASTE-HANDLER DOZERS:

*850L / 950 P-TIER /
1050 P-TIER*

A breath of fresh air

Powered air precleaner provides additional cab filtration. Severe-duty engine air precleaner extends air-filter life in dusty environments.

The front line

Multiple blade configurations ranging in capacity from 12.9 to 28.5 cubic yards help put trash in its place. Choose between U, semi-U, straight, and power-angle-tilt (PAT) blades depending on model and track configuration.

Ability with versatility

Add a rear attachment such as a ripper, counterweight, retrieval hitch, drawbar, or storage compartment to configure your machine for your specific task or preference.

Get your fill

Cooling packages with square-wave fins and wide spacing have been specifically designed to help prevent plugging and overheating in landfill environments and may extend intervals between cleanouts in many applications. The 1050 P-Tier also provides efficient single-plane cooling. All John Deere dozers are equipped with a tilting cab that eases maintenance and machine cleaning.



**MATCH THE
BLADE
TO THE DEMAND**



POWER THROUGH.



WASTE-HANDLER CRAWLER LOADERS:

655K / 755K

The bucket list

Choose a multipurpose or general-purpose bucket including trash rack to boost capacity for sorting, truck loading, spreading, and excavating.

Keep it clean

Swing-out side shields and tilt-out grille provide access to both sides of the coolers, for low-effort debris removal when needed.

The coast is clear

Rear striker bars, cylinder guards, and final-drive seal guards form a first line of defense for knocking trash off the tracks. Fender guards further resist anything that might get stuck.

Rugged where it counts

Heavy-duty undercarriage is sealed, lubricated, and built to last. Available extended-life tracks deliver up to twice the bushing life, boosting durability in extremely abrasive conditions. Opt for trapezoidal-hole shoes and recessed sprocket segments to tackle material that might pack in the chain pockets.



**STANDARD & HIGH-LIFT
CONFIGURATIONS AVAILABLE**



WASTE-HANDLER LOADERS:

624 P-TIER / 644 P-TIER / 644 X-TIER / 724 P-TIER / 744 P-TIER / 744 X-TIER

Cool under pressure

Critical cooling system components are isolated from engine heat in an easy-to-clean package. Corrugated fine-mesh-screened air cleaner efficiently filters engine airflow. Hydraulic fan reverses automatically at preset intervals to help purge debris.

Guarded against accumulation

Cylinder cavity and articulation joint guards resist material collection and buildup.

Put on the brakes

Tough axles feature dedicated oil cooling and filtration. Self-adjusting inboard wet-disc brakes run cool and clean, and are protected to help minimize exposure to corrosive materials.

Extreme protection

Extreme-service frame and light guards provide additional impact and debris resistance. Optional hydraulic belly pans open and close for easy cleanout.

Innovative E-Drive

Constant forward and reverse waste-handling motions are ideal for the 644 X-Tier's E-Drive transmission system to maximize fuel efficiency and pushing power.

SPECIFICATIONS:

| Waste-Handler Dozers | 850L | 950 P-TIER | 1050 P-TIER |
|------------------------------------|---|---|---|
| Net Peak Power | 168 kW (225 net hp) at 1,700 rpm | 198 kW (265 net hp) at 1,800 rpm (Outside Dozer [OSD] blade) / 209 kW (280 net hp) at 1,800 rpm (Power-Angle-Tilt [PAT] blade) | 264 kW (354 net hp) at 1,700 rpm |
| Operating Weight | 24 533–24 654 kg (54,086–54,353 lb.) | 32 325–34 100 kg (71,250–75,150 lb.) includes doghouse and 660/910-mm (26/36 in.) trapezoidal shoes | 46 430–46 650 kg (102,350– 102,850 lb.) includes doghouse and 710-mm (28 in.) trapezoidal shoes |
| Undercarriage/Blade Configurations | LGP with PAT and LGP with OSD | Standard with OSD, LGP with OSD, and LGP with PAT | Standard with OSD |
| Blade Capacity (with trash rack) | PAT: 9.9 m ³ (12.9 cu. yd.) / OSD: 11.7 m ³ (15.3 cu. yd.) | Semi U blade: 14.1 m ³ (18.4 cu. yd.) / U blade: 16.2 m ³ (21.2 cu. yd.) / LGP Semi U blade: 17.0 m ³ (22.2 cu. yd.) | Semi U blade: 21.8 m ³ (28.5 cu. yd.) / U blade: 21.7 m ³ (28.4 cu. yd.) |

| Waste-Handler Crawler Loaders | 655K | 755K |
|---------------------------------|----------------------------------|----------------------------------|
| Net Peak Power | 116 kW (155 net hp) at 1,700 rpm | 145 kW (194 net hp) at 1,800 rpm |
| Operating Weight | 19 104 kg (42,120 lb.) | 22 985 kg (50,675 lb.) |
| Blade Capacity Range | | |
| General Purpose With Trash Rack | 3.6 m ³ (4.7 cu. yd.) | 4.5 m ³ (5.9 cu. yd.) |
| Multipurpose Without Trash Rack | 1.6 m ³ (2.1 cu. yd.) | 2.0 m ³ (2.6 cu. yd.) |
| Dump Clearance With Bucket | | |
| General Purpose | 2665 mm (105.0 in.) | 2950 mm (116.0 in.) |
| Multipurpose | 2700 mm (106.3 in.) | 2959 mm (116.5 in.) |

| Waste-Handler Loaders | 624 P-TIER | 644 P-TIER | 644 X-TIER | 724 P-TIER | 744 P-TIER | 744 X-TIER |
|-----------------------------------|---|---|---|---|---|--|
| Net Peak Power | 143 kW (192 net hp) at 1,600 rpm | 186 kW (249 net hp) at 1,800 rpm | 172 kW (231 net hp) at 1,500 rpm | 200 kW (268 net hp) at 1,800 rpm | 236 kW (316 net hp) at 1,500 rpm | 243 kW (325 net hp) at 1,500 rpm |
| Operating Weight | 18 175–18 697 kg (40,067–41,220 lb.) | 22 285–22 832 kg (49,130–50,330 lb.) | 22 983–23 530 kg (50,669–51,875 lb.) | 22 767–23 289 kg (50,193–51,343 lb.) | 29 918–30 783 kg (65,958–67,865 lb.) | 25 639–27 338 kg (56,524–60,270 lb.) |
| Bucket Capacity Range | 3.1–4.6 m ³ (4.0–6.0 cu. yd.) | 3.8–5.4 m ³ (5.0–7.0 cu. yd.) | 3.8–5.4 m ³ (5.0–7.0 cu. yd.) | 3.8–5.4 m ³ (5.0–7.0 cu. yd.) | 4.6–6.1 m ³ (6.0–8.0 cu. yd.) | 3.8–4.5 m ³ (5.0–5.85 cu. yd.) |
| Height to Hinge Pin, Fully Raised | | | | | | |
| Standard Z-Bar | 3.96 m (13 ft. 0 in.) | 4.09 m (13 ft. 5 in.) | 4.09 m (13 ft. 5 in.) | 4.16 m (13 ft. 8 in.) | 4.27 m (14 ft. 0 in.) | 4.27 m (14 ft. 0 in.) |
| High-Lift Z-Bar | 4.32 m (14 ft. 2 in.) | 4.50 m (14 ft. 9 in.) | 4.50 m (14 ft. 9 in.) | 4.50 m (14 ft. 9 in.) | 4.84 m (15 ft. 11 in.) | 4.84 m (15 ft. 11 in.) |



DKALLDRWH (24-05)



JOHN DEERE