

Sweeping Performance and Applications

- True Regenerative Air Performance
- South Coast AQMD Rule 1186 PM₁₀ Certified
- High Dump Flexibility
 - Isuzu Chassis Dump Height - 72 inches
 - Freightliner Chassis Dump Height - 82.5 inches
- Municipal, Construction and Industrial Sweeping
- Crowned, Cracked and Irregular Paved Street and Roads
- BMP (Best Management Practice) for Stormwater Quality
- Porous and Permeable Pavements
- Airport Runways and Taxiways
- BMP for Fugitive Dust Control
- Industrial Facility Cleaning
- Asphalt and Concrete

Model 435[®] AIR SWEEPER[®]



Dumping into a Low-Profile 30-yard Container



Sweeping Business Districts



Dumping into a 30-yard Container



Sweeping Residential Areas



Superior Training from TYMCO

The 3500 square foot, temperature controlled TYMCO Training Center provides space for demonstrations on an operational sweeper and systems components.



Attendees review components of the pick-up head assembly during removal and installation.



Instructor reviews proper maintenance, removal and installation of the blower assembly.



A Service School attendee receives her TYMCO Certificate of Completion.

Highlights of the TYMCO Service School

- The Regenerative Air System
- Servicing the Blower, Dust Separator and Pick-up Head
- Hydraulic, Electrical and Water System Review
- Rebuild and Repair Small Parts and Components
- Using the BlueLogic[®] Control System
- Manufacturing Facility Tour
- Certificates of Completion Awarded to Attendees
- 30 Schools Scheduled per Year
- Daily Ground Transportation to and from the Hotel
- Lunch is Provided
- Register to Attend on TYMCO.COM

This product is protected by numerous U.S. and International Patents. Specifications subject to change without notice.

Convenient Dealer Service Centers

In over 50 U.S. and international locations, you receive on-the-spot parts and service from TYMCO's network of dealers.

TYMCO Builds a Model to Fit your Cleaning Needs



MODEL 600° COMDEX[®]
Street Sweeper



MODEL DST-6°
Dustless Sweeping Technology



MODEL DST-4°
Dustless Sweeping Technology



MODEL 500x°
High Side Dump Street Sweeper



MODEL 600° CNG
Compressed Natural Gas Powered



REGENERATIVE AIR SWEEPERS

www.tymco.com
1-800-258-9626



MODEL 435°
Mid-Sized Street Sweeper



MODEL HSP[®]
High Speed Performance for Airport Runways
Sweeper chassis models may change without notice.



MODEL 210°
Parking Lot Sweeper

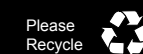
TYMCO REGENERATIVE AIR SWEEPERS are South Coast AQMD Rule 1186 PM₁₀ Certified
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Model 435[®] AIR SWEEPER[®]



Mid-Sized Regenerative Air Sweeper



Please Recycle

TYMCO Regenerative Air Cleans Deeper™

Large, heavy duty 4.0 cubic yard hopper. Hopper, dump door, inspection door, hopper screen, dust separator and hopper drain available in optional non-magnetic, low carbon, high chrome stainless steel for maximum corrosion resistance.

The large dump door allows for quick, easy dumping and cleaning. Dump heights are 72 inches on an Isuzu chassis and 82.5 inches on a Freightliner chassis, allowing for dumping into various size and type containers.

Patented multipass centrifugal dust separator keeps fines and dust inside the hopper without exhausting air back into the atmosphere. Accessible cleanout port handle makes washout quick and easy.

Powerful, fuel efficient 56 HP diesel auxiliary engine meets Final Tier 4 (FT4) US EPA emissions standards. The engine is easily accessible with ground level access.

Streamlined side panels swing open for easy access to auxiliary engine. Front locking storage area beneath the gullwing doors provides 61.25 cu. ft. of storage, equipped with a shelf and a long handled tool holder.

Up to 150 gallons of water for dust control around the gutter brooms and inside the hopper.

The Abrasion Protection Package protects your sweeper and extends component life when sweeping highly abrasive materials.

Two Rear locking storage areas give you a combined 26.6 cu. ft. of protected space.

The heavy duty pick-up head utilizes True Regenerative Air - a controlled jet of air through the entire width of the blast orifice into pavement cracks forcing up fine dust particles into the air stream. The pick-up head delivers maximum air blast and powerful vacuum across the entire width of the pick-up head allowing for removal of heavy debris, light debris and fine dust.

The optional in-cab, operator controlled Pick-Up Head Front Curtain Lifter raises the front curtain allowing large amounts of lighter materials, such as leaves, to easily pass beneath the pick-up head.

The TYMCO patented 36-inch Gutter Broom is illuminated for night sweeping. Dual Gutter Brooms, Hydraulic Tilt Adjusters, Variable Speed Control and Drop Down options are available.

BlueLogic® Control System

The BlueLogic® Control System is the TYMCO multiplex electronics platform that delivers reduced wiring and advanced diagnostics.



In-cab controls are center mounted and illuminated for ease of operation from either driving position. Switches integrate multi-color LEDs giving operators instant feedback on sweeper functions.



The color touchscreen display delivers on-board diagnostics for the TYMCO BlueLogic® Control System and the auxiliary engine's ECU (Engine Control Unit). Service reminders are displayed for the auxiliary engine and hydraulic system fluids and filters.

Additional Sweeper Options

- Non-Magnetic, Low Carbon, High Chromium Stainless Steel Hopper and Components
- Hi/Low Pressure Washdown System
- Auxiliary Hand Hose
- Pick-Up Head Front Curtain Lifter
- Additional Camera Views (Rear Standard)
- Hopper Drain System
- Hopper Deluge System



Sound Reduction Engineering® (SRE) allows the Model 435 to sweep in areas where low noise levels are desirable. SRE isolates various noise sources on the sweeper and addresses those areas through elimination or redesign. SRE reduces average sound power by over 3.5 dB.



The COMDEX® Package utilizes the short 132.5 inch wheelbase of the Isuzu NPR-XD chassis to provide storage, either a 72.5 or 145 gallon water capacity and signage space for the customer. Acrylic capped ABS plastic doors on each side of the sweeper provide a lockable, covered storage area in addition to the tool rack on the front of the COMDEX module.

Special options are available for your individual requirements. Contact your local dealer or TYMCO.

Chassis Options and Features



Isuzu® NQR - 150 Inch Wheelbase Cabover Chassis

- 17,950 lb. GVWR
- 150 Gallons of Water for Dust Control
- 72 in. Dump Height
- CurbView™ Camera System Optional
- Heated Power Mirrors Optional



Isuzu® NPR-XD or NQR - 132.5 Inch Wheelbase Cabover Chassis

- 16,000 lb. GVWR (NPR-XD)
- 17,950 lb. GVWR (NQR)
- Requires COMDEX Package - 72.5 or 145 Gallons of Water for Dust Control
- 72 in. Dump Height
- CurbView™ Camera System Optional
- Heated Power Mirrors Optional



Freightliner® M2-106 - 153 Inch Wheelbase Conventional Cab Chassis

- 25,500 lb. GVWR
- 150 Gallons of Water for Dust Control
- 82.5 in. Dump Height
- Dual Tilt Steering, and Dual Instrumentation
- Dual Adjustable High Back Air Suspension Seats
- CurbView™ Camera System Optional
- Heated Power Mirrors

From The People Who **Invented** Regenerative Air Sweeping!