

# Municipal, Construction and Industrial Sweeping

## Sweeping Performance

- South Coast AQMD Rule 1186 PM<sub>10</sub> Certified
- ETV Canada Verified Performance Claims
- ISO 14034:2016 - Environmental Technology Verification (ETV) Performance Claims



## Cleaning Applications

- PM<sub>10</sub> and PM<sub>2.5</sub> Non-Attainment Areas
- Year Round Sweeping, Freezing Sweeping Conditions and Clean-Up After Winter Sanding Operations
- Coal, Fly Ash, Cement, Lime, Grain and Other Dusty Materials that May Require Sweeping Without Using Water for Dust Control
- Industrial Facilities with Ultra-Fine Dust such as Cement Manufacturing, Aggregate Facilities and Quarries, Power Plants and Ports

**Model DST-4**  
Dustless Sweeping Technology



Sweeping Construction Sites



Sweeping Track-Out at Industrial Facilities



Sweeping Aggregate Facilities and Quarries



Sweeping Cement and Asphalt Plants

# 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



**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



[www.tymco.com](http://www.tymco.com)  
**1-800-258-9626**

TYMCO REGENERATIVE AIR SWEEPERS are  
South Coast AQMD Rule 1186 PM<sub>10</sub> Certified  
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**1-800-258-9626**

[www.tymco.com](http://www.tymco.com)

MADE IN WACO, TEXAS **USA**



**Dustless  
Regenerative Air Sweeper**

# TYMCO Regenerative Air Cleans Deeper™



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

The Hopper Deluge System allows for the attachment of a high volume hose to aid cleaning the hopper.

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

Dump height is 72 inches on the Isuzu chassis, allowing for dumping into various size and type containers.



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 patented DST System is a self-contained multiple filtration system that enhances the Regenerative Air System. See right for more information.

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.

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.

On-board 75 gallons of water for **dust control** around the gutter brooms and inside the hopper. For applications that require using no water such as below freezing conditions, the sweeper will continue sweeping dustless without using water.

## 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.

The TYMCO patented 36 inch dual **Gutter Brooms** are illuminated for night sweeping and are equipped with hydraulic tilt adjusters and Variable Speed Control. Brooms are also available with optional Drop Down Mode allowing the brooms to work in an outboard or inboard position.

## DST Filtration System

The Model DST-4® removes large debris and ultra-fine dust from the sweeping surface in the most severe cleaning applications in both wet and dry conditions. The DST System is a unique, TYMCO patented multiple filtration system for removing dust and moisture with the following features:

- A high-efficiency pre-filter system
- Washable TYMCO DST filters
- TYMCO DST filters are **MERV\* 16 Rated** with a minimum efficiency of **≥ 95%** of 0.30 micron and larger particles\*

\* The MERV (Minimum Efficiency Reporting Value) filtration efficiency of the filters has been determined through independent laboratory testing using ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) 52.2 test standards.



Sweeping Municipal Applications

## Additional Sweeper Options

- Non-Magnetic, Low Carbon, High Chrome Stainless Steel Hopper Components and DST System Box
- Hi/Low Pressure Washdown System
- Pick-Up Head Front Curtain Lifter
- Camera / Monitor System

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

## Chassis Options and Features

- Isuzu® NQR Cabover Chassis
- 17,950 lb. GVW
- 150 in. Wheelbase
- Dual Steering - Optional
- Remote Controlled Heated Power Mirrors - Optional



Sweeper photographs may contain optional equipment. Sweeper chassis models and options may change without notice. Consult your dealer or the factory.

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