

RFB# 3-160513TV

TYMCO 210 SWEEPER OPTIONS

STAINLESS STEEL CHIP SEAL SCREENS		\$	650.00
HI / LOW WASH DOWN SYSTEM		\$	550.00
42" AUX HANDHOSE EXTENSION	MUST ORDER HANDHOSE OPT.	\$	440.00
LED ARROW STICK I.L.O. MODOT ARROW BOARD	DEDUCT	\$	(2,550.00)
DROP DOWN GUTTER BROOMS		\$	715.00
DOUBLE DUO SKIDS WITH FRONT EXTENSIONS		\$	1,130.00
LINEAR ACTUATOR W/ GAUGE- PRESSURE BLEEDER		\$	333.00
HOPPER DRIP EDGE EXTENSION 7"		\$	235.00
PICK-UP HEAD HOUR METER		\$	235.00
REMOVABLE FRONT CURTAIN		\$	235.00
STAINLESS STEEL HOPPER INSPECTION DOOR		\$	565.00
DELETE STAINLESS STEEL HOPPER	DEDUCT	\$	(6,110.00)
DELETE STAINLESS STEEL BLOWER HOUSING	DEDUCT	\$	(1,075.00)
DELETE STAINLESS STEEL DUST SEPARATOR	DEDUCT	\$	(1,100.00)
DELETE HOPPER LOAD INDICATOR	DEDUCT	\$	(300.00)
DELETE VARIABLE SPEED GUTTER BROOMS	DEDUCT	\$	(715.00)
DELETE ASI	DEDUCT	\$	(1,100.00)

TYMCO 210 CHASSIS OPTIONS

ENGINE BLOCK HEATER	\$	550.00
CAB MOUNTED LED LIGHT BAR	\$	950.00



210[®]
AIR SWEEPER

GENERAL SPECIFICATIONS



MODEL 210[®] REGENERATIVE AIR SWEEPER[®] TIER 4 INTERIM AUXILIARY ENGINE/CABOVER CHASSIS

SWEPPER AUXILIARY ENGINE

Engine Kubota V2403-M-T, 4 cyl. (Tier 4i)
Fuel Diesel
Displacement 148.5 in³ (2.4 L)
Power 56 hp (41.7 kW) @ 2600 RPM
Net torque 121 lb-ft (164 Nm) @ 1800 RPM
Air cleaner Heavy duty, w/pre-cleaner
Oil filter Spin on, full flow
Cooling Liquid
Auxiliary engine fuel tank shared with diesel chassis engine
Auxiliary engine fuel tank independent from gasoline chassis fuel tank
Auxiliary engine shutdown system
Fuel/water separator

BLOWER

Aluminum alloy, high volume, open face turbine
Purpose Creates air blast and suction
Bearings Anti-friction
Housing Abrasion resistant, replaceable liner
Drive Heavy duty power band

DUST SEPARATOR

Type Cyclonic, multipass, centrifugal separation
Cylindrical area 20 x 22.5 in (508 x 1549 mm)
Location Adjacent to hopper
Particulate removal achieved through 22.5 in (572 mm) skimmer slot into skimmer hood
Inspection/cleanout port w/extended plug handle

HOPPER

Capacity (volumetric) 2.4 yd³ (1.83 m³)
Capacity (useable) 2.1 yd³ (1.61 m³)
Construction Welded steel plate
Dump door 52 x 23 in (1321 x 584 mm)
Dump door hydraulically opened/closed
Dumping method Hydraulic with tilt up
Dumping height 60 in (1524 mm)
Dumping clearance height 144 in (3645 mm)

PICK-UP HEAD

Type Dual chamber
Function Delivers air blast and suction
Width (inside dimension) 78 in (1981 mm)
Head area 2028 in² (1.31 m²)
Suspension 4 springs, 2 drag links
Skids DUO-SKID[®], long life carbide
Suction hose diameter 12 in (305 mm)
Pressure hose diameter 12 in (305 mm)
Pressure bleeder Integral for leaf/light material pickup
Reverse pick-up head system

HYDRAULIC SYSTEM

Operates gutter broom(s) (optional), dump door and pick-up head
Drive Gear driven from auxiliary engine
Capacity 5 GPM (18.925 LPM)
Reservoir 8 gal (30.3 L) w/80 mesh suction strainer, sight/temperature gauge
Filter 10 micron in-line
Hydraulic oil Extended life

CONTROLS

Inside cab (lighted) Pick-up head, gutter broom(s) (optional), ignition and tachometer (auxiliary engine), voltmeter, low water warning system (for optional dust control system), safety lights, hour meter, pressure bleeder
Outside cab Dump

SAFETY/WARNING DEVICES

Back-up alarm
Alternating LED rear flashers (2)

OPTIONAL EQUIPMENT

Abrasion protection package
Air purge, dust control system
Amber beacon light, LED
Auto Sweep Interrupt (ASI)
Auxiliary engine - gasoline (consult factory)
Auxiliary fuse panel
Auxiliary hand hose 6 in dia. (152 mm)
Backpack blower storage box
Cabover dual steering
Cabover storage box (n/a with COMDEX)
Dust control system 30 gal (113 L)
COMDEX water up to 102.5 gal (388 L)
Hi/Low pressure washdown system (COMDEX water required)
Gutter broom(s) (Left, right, or dual)
Drive Constant speed non-reversible hydraulic motor
Adjustment Adjustable for down pressure, pattern, and wear
Down pressure Automatically adjusts to requirement
Flexibility All directions, integral anti-damage "swing away" relief valve
Broom Polypropylene wafer 36 in (914 mm) or steel wire digger 32 in (812.8 mm)
Hopper drain system
Hopper slide-out screen
Hopper up alarm
Light bar, cab mounted, halogen or LED
Low emissions package (required for South Coast AQMD Rule 1186, not applicable with high output water system)
Magnet, front bumper mounted, light duty
Pick-up head front curtain lifter
Rubber lined blower
Sound Reduction Engineering (SRE[®])
Stainless steel options:
Hopper:
Hopper weldment
Slide-out hopper screen
Blower housing
Dust separator
Inspection door
Hopper drain
Hopper slide-out screen (w/mild steel hopper)
Auxiliary hand hose hardware
Paint color (other than TYMCO standard white)

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

CABOVER CHASSIS AVAILABLE

Isuzu NPR-HD - Diesel
Isuzu NPR-HD - Gasoline
Isuzu NPR - Gasoline

MODEL 210® REGENERATIVE AIR SWEEPER®

TIER 4 INTERIM AUXILIARY ENGINE/CABOVER CHASSIS



**ISUZU NPR-HD
DIESEL**



**ISUZU NPR-HD
GASOLINE**



**ISUZU NPR
GASOLINE**

CAB/CHASSIS			
GVW	14,500 lb (6583 kg)	14,500 lb (6583 kg)	12,000 lb (5443 kg)
Front Axle	6830 lb, 6830 lb spring capacity, front shock absorbers and stabilizer bar	6830 lb, 8440 lb spring capacity, front shock absorbers and stabilizer bar	6830 lb, 8440 lb spring capacity, front shock absorbers and stabilizer bar
Rear Axle	11,020 lb, 9880 lb spring capacity, rear shock absorbers	14,550 lb, 12,900 lb spring capacity, rear shock absorbers	11,020 lb, 12,900 lb spring capacity, rear shock absorbers
Gear ratio	4.555	5.125	5.125
Frame	Carbon steel 7.20 SM (44,000 PSI) 316,800 lb-ft/in	Carbon steel 7.20 SM (44,000 PSI) 316,800 lb-ft/in	Carbon steel 7.20 SM (44,000 PSI) 316,800 lb-ft/in
Engine	Isuzu 4HK1-TC, turbo diesel	GMPT Vortec V8	GMPT Vortec V8
Displacement	317 in³ (5.2 L)	365 in³ (6.0 L)	365 in³ (6.0 L)
Power	215 hp (160 kW) @ 2500 RPM	297 hp (221 kW) @ 4300 RPM	297 hp (221 kW) @ 4300 RPM
Torque	452 lb-ft (613 Nm) @ 1850 RPM	372 lb-ft (504 Nm) @ 4000 RPM	372 lb-ft (504 Nm) @ 4000 RPM
Cooling	Radiator w/integrated transmission oil cooler	Engine oil cooler	Engine oil cooler
Transmission	Aisin A435 6-speed automatic	6-speed GM 6L90 automatic transmission	6-speed GM 6L90 automatic transmission
Alternator	140 amp	145 amp	145 amp
Batteries	12 volt heavy duty batteries - (2) 750 CCA maintenance free	12 volt heavy duty batteries - (2) 750 CCA maintenance free	12 volt heavy duty batteries - (2) 750 CCA maintenance free
Wheelbase	132 in (3353 mm)	132 in (3353 mm)	132 in (3353 mm)
Turning diameter (wall to wall)	44.0 ft (13.4 m)	44.0 ft (13.4 m)	44.0 ft (13.4 m)
Turning diameter (curb to curb)	38.7 ft (11.8 m)	38.7 ft (11.8 m)	38.7 ft (11.8 m)
Fuel	Diesel	Gasoline	Gasoline
Fuel tank, rear mounted in-rail	30 gal (113 L)	30 gal (113 L)	30 gal (113 L)
DEF tank	4.23 gal (16 L)	n/a	n/a
Tires (2-front, 4-rear)	215/85R 16E all season	225/70R 19.5F	215/85R 16E
Steering	Tilt & telescopic steering column (n/a with dual steering)	Tilt & telescopic steering column (n/a with dual steering)	Tilt & telescopic steering column (n/a with dual steering)
Brakes	Vacuum assisted hydraulic brakes - dual circuit w/anti-lock brake system	Vacuum assisted hydraulic brakes - dual circuit w/anti-lock brake system	Vacuum assisted hydraulic brakes - dual circuit w/anti-lock brake system
Instruments & lights	Full package as required	Full package as required	Full package as required
Seats	High back driver's seat with two occupant passenger seat	High back driver's seat with two occupant passenger seat	High back driver's seat with two occupant passenger seat
Cruise control	Yes	Yes	Yes
Mirrors	Exterior with integral convex mirror	Exterior with integral convex mirror	Exterior with integral convex mirror
Air conditioned cab	Yes	Yes	Yes
Windows and door locks	Power	Power	Power
Exhaust system	Vertical	Horizontal	Horizontal
Audio System	AM/FM CD/WMA/MP3/USB stereo radio w/ digital clock	AM/FM CD/WMA/MP3/USB stereo radio w/ digital clock	AM/FM CD/WMA/MP3/USB stereo radio w/ digital clock
Daytime running lights	Yes	Yes	Yes

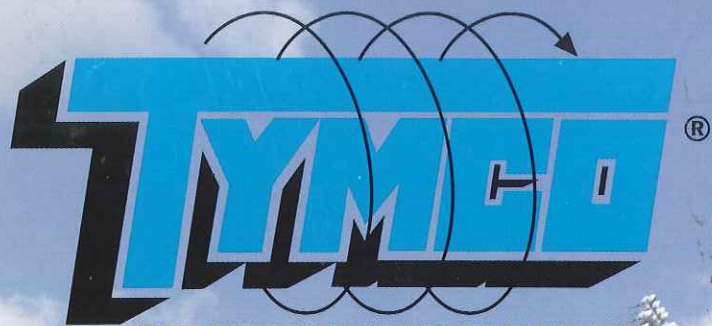
SWEEPING WIDTH (Approximate)

Pick-up head only	78 in (1981 mm)	78 in (1981 mm)	78 in (1981 mm)
With 1 vertical digger gutter broom	98 in (2489 mm)	98 in (2489 mm)	98 in (2489 mm)
With 2 vertical digger gutter brooms	118 in (2997 mm)	118 in (2997 mm)	118 in (2997 mm)

OVERALL DIMENSIONS (Approximate)

Length (sweeper body & chassis only)	228 in (5791 mm)	228 in (5791 mm)	228 in (5791 mm)
Width (mirrors folded in)	89.5 in (2273 mm)	89.5 in (2273 mm)	89.5 in (2273 mm)
Height (w/o bar light)	102 in (2591 mm) @ chassis exhaust	91 in (2311 mm) @ top of cab	90 in (2286 mm) @ top of cab
Empty weight (sweeper body & chassis only)	10,100 lbs (4581 kg)	9300 lbs (4218 kg)	9230 lbs (4187 kg)

*Dimensions and weight may vary with equipment.
Consult factory for additional specifications and other available truck chassis.*



REGENERATIVE AIR SWEEPERS



Model 210[®]

MADE IN WACO, TEXAS **USA**

When you want to pick up ***TYMCO Regenerative Air Cleans***



TYMCO's patented centrifugal dust separator keeps the fines and dust inside the hopper. No filters or baffles to clean or replace. Powerful RAS blower.

Cab light bar.

Storage box has large 14.5 cubic foot area with easy access storage for brooms, shovels and tools (cabover model only).

Additional water capacity.

Model 210[®] can be mounted on cabover or conventional cab chassis.



Convenient inside-cab, operator friendly sweeper controls. Gauges and controls are illuminated for better night visibility.

Patented TYMCO gutter broom – with steel diggers or poly wafer – provides more cleaning power with less maintenance.



AQMD Rule 1186 Cer

Sweeper photographs cor

up more than just litter...

DeeperTM

Heavy-duty steel hopper for long-term durability.

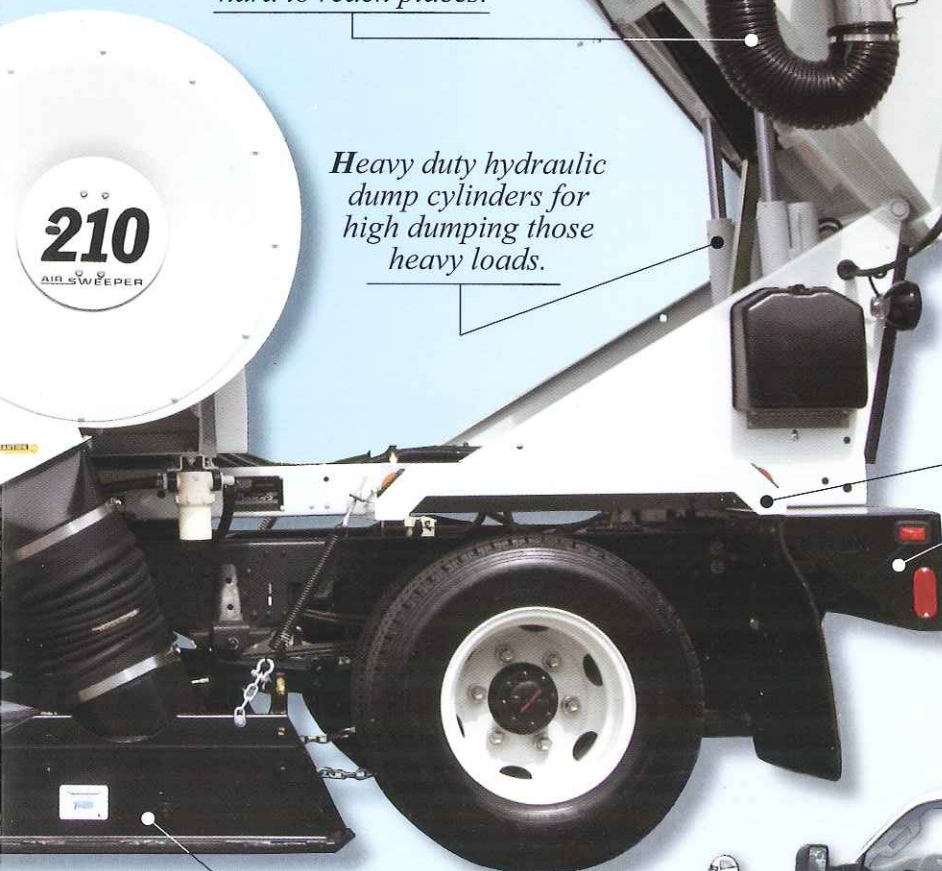
Easy to open hydraulic dump door lets you dispose of bulky items quickly and safely.

Powerful hand hose for hard to reach places.

Slide-out screen increases clean out efficiency.

Heavy duty hydraulic dump cylinders for high dumping those heavy loads.

Heavy-duty wrap-around rear bumper and fenders for sweeper protection.



Time-tested, heavy duty pick-up head propels a controlled jet of air through the blast orifice creating maximum pressure and powerful suction across the entire width of the pick-up head.

ified PM₁₀ - Efficient

tain optional equipment.



Model 210[®] Conventional Cab Chassis

Superior Training from TYMCO

We want you to understand the Regenerative Air System and your TYMCO sweeper completely, so you can get optimal performance from your equipment investment. That's why, for more than twenty-five years, we've offered two-day scheduled training schools at our facility in Waco, Texas. Owners, managers, operators and mechanics get hands-on training and answers to specific questions. Enrollment levels are kept low, so you and your team will get personal attention as well as the opportunity to learn from the experiences of other attendees through the interaction of the class.

When your operators and mechanics are thoroughly trained and knowledgeable about the TYMCO sweeper, you get better performance and a lower cost per operating hour.

- TYMCO offers full two-day schools
- Choose from over 30 schools scheduled per year
- Yearly class schedules and class agendas are available
- Learn through demonstrations on an operational sweeper
- Special schools arranged for large groups
- Register to attend on our web site



Model 600 Illustration

Specifically designed for training, our 3500 square foot, temperature controlled facility provides ample space for demonstrations on an operational sweeper and systems components. We also provide daily ground transportation from the hotel to our training facility, and lunch is on us.

Convenient Dealer Service Centers

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



This product is protected by numerous U.S. and Foreign Patents.

Specifications subject to change without notice.



MODEL HSP®
High Speed Performance for Airport Runways



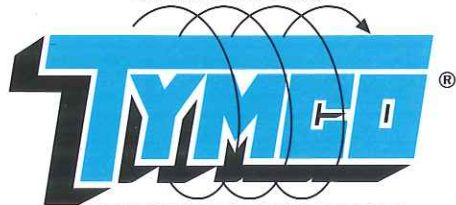
MODEL 600®
Conventional Cab Chassis



MODEL 500x®
High Side Dump



MODEL 600®
Cabover Chassis



1-800-258-9626



MODEL DST-4®
Dustless Sweeping Technology



MODEL DST-6®
Dustless Sweeping Technology



MODEL 435®

**TYMCO REGENERATIVE AIR SWEEPERS are
AQMD Rule 1186 Certified PM₁₀-Efficient**

Sweeper chassis models may change without notice.

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TYMCO, Inc. • P.O. Box 2368 • Waco, TX 76703-2368 • (254) 799-5546 • FAX (254) 799-2722

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Recycle

