

210h™

AIR SWEEPER



FROM THE PEOPLE WHO **INVENTED** REGENERATIVE AIR SWEEPING!

When you want all the simplicity and low maintenance of sweeping without an auxiliary engine while maintaining the advantages of a True Regenerative Air System - the TYMCO Model 210h™ Regenerative Air Sweeper with hDrive™ and BlueLogic™ is the smart choice.

- ***hDrive Power System Delivers Great Sweeping Performance.***
- ***BlueLogic Control System Provides Streamlined Features for Operators and Service Technicians.***
- ***Reduced Fuel Consumption and Routine Maintenance.***
- ***Quieter than the Model 210® and Model 210 SRE®.***
- ***True Regenerative Air System Means Dual Chambered Pick-Up Head and Centrifugal Dust Separation.***



TYMCO Regenerative Air Cleans Deeper™

MADE IN WACO, TEXAS

USA



Cabover Truck Chassis

MODEL 210h™ REGENERATIVE AIR SWEEPER®

GENERAL SPECIFICATIONS

HYDRAULICS hDRIVE™ POWER SYSTEM

Main Pump Type Piston Pump
 Reservoir Capacity 17 Gallons (64 L)
 Main System Pressure 3000 psi
 Main Pump Drive ... Belt Driven from Chassis Engine
 Operates blower, dump and pick-up head
 Broom Pump Type Vane Pump
 Broom Pump Drive Belt Driven from Blower Shaft
 Broom pump required with optional gutter broom
 Filter 10 micron in-line
 Cooler Air to Oil
 With thermostatically controlled electric fan
 Hydraulic Level / Temperature Shutdown System
 Hydraulic Oil Filter Restriction Indicator
 Hydraulic Oil Sight / Temperature Gauge

BLOWER

Aluminum alloy high volume open face turbine
 Purpose Creates blast and suction
 Bearings Anti-friction
 Housing Abrasion resistant, replaceable liner
 Drive Hydraulic Direct Drive

DUST SEPARATOR

Type Cyclonic, multipass, centrifugal separation
 Size 20" x 22.5"
 cylindrical area (508mm x 1549mm)
 Location Adjacent to hopper
 Particulate removal Through 22.5" x .5"
 (572 mm x 13 mm) skimmer slot into hopper
 Inspection Access port for cleaning
 Dust Separator Clean-out Plug Extension Handle

HOPPER

Capacity (volumetric) 2.4 cubic yards
 (1.83 m³)
 Capacity (usable) 2 cubic yards
 (1.52 m³)
 Construction Welded steel plate
 Dump door size 52" x 23"
 (1321 mm x 584 mm)
 Dumping method Hydraulic with tilt up
 Dumping height 60" (1524 mm)

PICK-UP HEAD

Function Air blast and suction chamber
 Width 78" I.D. (1981 mm)
 Head area 2,028 sq. inches (1.31 m²)
 Suspension 4 springs, 2 drag links
 Skids DUO-SKIDS®
 Suction & pressure hose 12" diameter (305 mm)
 Pressure bleeder Integral for
 leaf/light material pickup
 Reverse pick-up head system

CONTROLS

Inside cab (lighted) Pick-up head, gutter broom,
 blower on/off, all safety lights, hour meter, pressure
 bleeder, throttle control switch
Outside cab Dump
BlueLogic™ Control System Multiplexed electrical
 control module that provides several safety
 interlocks such as lifting the gutter broom when
 sweeper is placed in reverse, turning off blower
 when hopper is raised/hopper door is opened,
 shutting down sweeper when 18 mph ground
 speed or 2000 RPM on chassis is exceeded
 and pausing Dust Control System when blower
 is turned off. BlueLogic also controls Chassis
 Throttle Control Solenoid to maintain minimum
 chassis engine throttle during sweeper operation,
 keeps blower at constant speed and controls the
 Hydraulic Level/Temperature Shutdown System.

OPTIONAL EQUIPMENT

Abrasion protection package
 Amber beacon light
 Auxiliary fuse panel
 Auxiliary hand hose 6" dia. (152 mm)
 Cabover extra water capacity - 45 gallons (74 total)
 Cabover storage box
 Dust control system
 Gutter broom (Left or right)
 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"
 (914 mm) or steel wire digger 32" (812.8 mm)
 Hopper drain system
 Hopper slide out screens
 LED Lights - Alternating Warning Lights, rear mount
 Light bar - Cab mounted
 Low emissions package
 Magnet
 Rubber lined blower
 Skid bumper extensions
 Stainless Steel Hopper
 Stainless Steel Blower Housing
 Color (other than TYMCO standard white)
*Special options are available for your individual
 requirements. Contact your local dealer or TYMCO.*

CAB/CHASSIS

Requirements
 Model 2009 Isuzu NPR
 GVW 12,000 lbs. (5,448 kg)
 Engine, turbo diesel 205 hp 5.19 L
 Transmission Automatic
 Alternator 110 amp
 Battery Dual (2) 750 CCA
 Wheelbase 132.5" (3365 mm)
 Fuel tank, rear mounted 30 gal. (113 L)
 Tires (2-front, 4-rear) 215/85R 16E all season
 Steering Power
 Brakes Vacuum assisted
 hydraulic brakes w/anti-lock
 Instruments & lights Full package as required
 Back-up alarm
 Power windows and door locks
 Air conditioned cab
 AM / FM CD radio
 Chassis Engine Protection System

GENERAL SWEEPING WIDTH

Pick-up head only 78" (1981 mm)
 With 1 gutter broom 98" (2489 mm)

OVERALL DIMENSIONS (Approximate)

Length 223" (5664 mm)
 Width 87.75" (2223 mm)
 Height @ truck* 90" (2286 mm)
 Height with light bar 97" (2464 mm)
 Empty weight* 9,260 lbs (4200 kg)
 Weight (sweeper)* 3,700 lbs (1678 kg)

**Dimensions and weight may vary with equipment.*

1-800-258-9626

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