



Cabover Cab Chassis

**MODEL 210[®] REGENERATIVE AIR SWEEPER[®]
GENERAL SPECIFICATIONS**

SWEEPER AUXILIARY ENGINE

EngineKubota V2403MT, 4 cyl. (Tier 4i)
 Displacement 148.5 cubic inches (2426cc)
 Horsepower56 @ 2,600 RPM (41.7 kW)
 Net torque..... 121 ft-lb @ 1800 RPM (164 Nm)
 Air cleaner, heavy duty Dry type
 Oil filter, spin on Full flow
 Cooling Liquid
 Auxiliary engine shutdown system
 Fuel water separator

**SWEEPER AUXILIARY ENGINE, GASOLINE
(Consult Factory)**

BLOWER

Aluminum alloy high volume open face turbine
 Purpose Creates blast and suction
 BearingsAnti-friction
 HousingAbrasion resistant, replaceable liner
 Drive Heavy duty power band

DUST SEPARATOR

TypeCyclonic, multipass, centrifugal separation
 Size 20" x 22.5" cylindrical area (508mm x 1549mm)
 Location Adjacent to hopper
 Particulate removalThrough 22.5" x .5" (572 mm x 13 mm) skimmer slot into hopper
 Inspection Access port for cleaning

HOPPER

Capacity (volumetric)2.4 cubic yards (1.83 m³)
 Capacity (useable)2 cubic yards (1.52 m³)
 Construction Welded steel plate
 Dump door size 52" x 23" (1321 mm x 584 mm)
 Dumping methodHydraulic 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)
 Suspension4 springs, 2 drag links
 Skids..... DUO-SKIDS[®]
 Suction & pressure hose 12" diameter (305 mm)
 Pressure bleederIntegral for leaf/light material pickup
 Reverse pick-up head system

HYDRAULIC SYSTEM

Operates gutter broom(s), dump and pick-up head
 DriveGear driven from auxiliary engine
 Capacity.....5 GPM (18.925 LPM)
 Reservoir 8 gal. (30.3 L) with 80 mesh suction, sight / temperature gauge
 Filter..... 10 micron in-line

CONTROLS

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

OPTIONAL EQUIPMENT

Abrasion protection package
 Amber beacon light
 Auxiliary fuse panel
 Auxiliary hand hose 6" dia. (152 mm)
 Cabover extra water capacity
 Cabover storage box
 Dust control system
 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" (914 mm) or steel wire digger 32" (812.8 mm)
 Hopper drain system
 Hopper slide out screens
 Hopper up alarm
 LED Lights - Alternating Warning Lights, rear mount
 Light bar - Cab mounted
 Low emissions package
 Magnet
 Rubber lined blower
 Skid bumper extensions
 Sound Reduction Engineering (SRE[®])
 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

Minimum Requirements
 ModelIsuzu NPR - HD
 GVW 14,500 lbs. (6,583 kg)
 Engine, turbo diesel215 hp 5.19 L
 Transmission..... Automatic
 Alternator..... 110 amp
 BatteryDual (2) 750 CCA
 Wheelbase.....132.5" (3365 mm)
 Fuel tank, rear mounted 30 gal. (113 L)
 DEF Tank..... Diesel Exhaust Fluid
 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
 Consult factory for sweeper specifications and other available truck chassis.

GENERAL SWEEPING WIDTH

Pick-up head only78" (1981 mm)
 With 1 gutter broom98" (2489 mm)
 With 2 gutter brooms118" (2997 mm)

OVERALL DIMENSIONS (Approximate)

Length223" (5664 mm)
 Width87.75" (2223 mm)
 Height @ truck*90" (2286 mm)
 Height with light bar 97" (2464 mm)
 Empty weight* 9,440 lbs (4286 kg)
 Weight (sweeper)* 4,180 lbs (1898 kg)

**Dimensions and weight may vary with equipment.*

1-800-258-9626

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