

ATTACHMENT C

Airport/Runway Sweepers

If you have different discounts for options, you WILL have to list the items. If you need more space, attach sheets or use Microsoft Excel.

BRAND	MODEL (Standard base unit)	Percentage discount	BASE PRICE Before Discount
		3 %	
Tymco	600 HSP Freightliner m2	106	\$ 212,400 ⁰⁰
OPTIONAL CHASSIS			
	International DT	Deduct	(\$ 2000.00)
	International ISB	Add	\$ 1000.00
	Freight		\$ 1,950 ⁰⁰ Ea

Attachments/Accessories: 3 % Incl
 Options: 3 % Installation Charge: \$ Base Hourly Labor Rate: \$ 140⁰⁰
 Multiple Unit discount: 1 % (In addition to the equipment discount) based on 2 Units purchased
 OEM Repair Parts: 0 % After Market Parts: 0 % Financing of Lease Purchase interest rate: Market Based
 Extended Warranty offered? Yes X No If yes, please attach information for the extended warranty purchase. Discount offered N/A %

Vendors, please explain your ordering process in an attached document and any promotional events that might provide for a discount off the price listed.

Note: Dual Steering Standard



GENERAL SPECIFICATIONS

MODEL HSP® REGENERATIVE AIR SWEEPER® FINAL TIER 4 AUXILIARY ENGINE/CONVENTIONAL CAB CHASSIS

SWEEPER AUXILIARY ENGINE

Engine John Deere 4045 turbo, 4 cyl.
(Final Tier 4)
Displacement 275 in³ (4.5 L)
Power 99 HP @ 2200 RPM (74 kW)
Net torque 315 lb-ft @ 1600 RPM (427 Nm)
Air cleaner Heavy duty, w/pre-cleaner and
scavenge vacuum hose
Remote oil filter Spin on, full flow
Auxiliary engine fuel tank shared with chassis
Diesel fuel tank capacity 51 gal (193 L)
DEF tank Dedicated
Capacity (volumetric) 5.4 gal (20.6 L)
Capacity (useable) 3.8 gal (14.4 L)
Auxiliary engine protection system
Fuel/water separator and separate fuel filter
Open crankcase ventilation (OCV) filter

BLOWER, RUBBER LINED

Aluminum alloy, high volume, open face turbine
Purpose Creates blast and suction
Bearings (2) sealed lifetime lube, anti-friction
Bolt-on housing Abrasion resistant,
replaceable liner
Drive Heavy duty power band

DUST SEPARATOR, HIGH CAPACITY

Type Cyclonic, multipass,
centrifugal separation
Size 20 x 61 in
cylindrical area (508 x 1549 mm)
Located adjacent to blower within hopper
Particulate removal achieved through 61 in
(1549 mm) skimmer slot into skimmer hood
Hinged inspection door opened from hopper
exterior
Abrasion resistant housing w/replaceable wear
resistant liner

HOPPER

Capacity (volumetric) 7.3 yd³ (5.6 m³)
Capacity (useable) 6 yd³ (4.6 m³)
Construction Welded steel plate
with integral stiffeners
Floor angle 22°
Dump door opening 84 x 44 in
(2134 x 1118 mm)
Dumping method Hydraulic with raker bar
Dumping height 36 in (914 mm)

PICK-UP HEAD, HSP, Patented

Type Dual chamber
Function Delivers air blast and suction
Width (inside dimension) 87 in (2210 mm)
Pick-up head area 2784 in² (1.79 m²)
Suspension 4 springs, 2 drag links
Skids DUO SKID®, long-life carbide
Suction hose diameter 14 in (356 mm)
Pressure hose diameter 10 in (254 mm)
Pressure bleeder Integral for
leaf/light material pickup

GUTTER BROOM, TWIN, Patented

Standard equipment includes floodlights and
parabolic mirrors
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 43 in dia. (1092 mm)
steel wire, vertical digger

HYDRAULIC SYSTEM

Operates gutter broom(s), dump and pick-up
head
Drive Gear driven from auxiliary engine
Capacity 8 GPM (30.3 LPM)
Reservoir 25 gal (94.6 L) w/80 mesh suction
strainer, sight/temperature gauge, cooler
Filter 3 micron in-line
Temperature shutdown system

DUST CONTROL SYSTEM

Water spray nozzles for dust suppression
Pump Electric diaphragm
Reservoirs Polyethylene 220 gal (1249 L),
total minimum
Filter 80 mesh in-line
Low water shut-off Safety shut-off
with low water warning light in cab coupled
with liquid level sensor
Spray nozzles:
Around pick-up head 4
Gutter brooms (each) 2
Hopper (inside) 1
Hydrant fill hose w/storage area 20 ft (6 m)

CONTROLS

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

BlueLogic® Display

High resolution, color LCD multi-function
touchscreen display that provides the operator
feedback on the status of the sweeper
and auxiliary engine. The display provides
information for all safety equipment, as well as
lifetime and trip hours for sweeper equipment
such as the gutter brooms, pick-up head,
pick-up head broom, and blower. The display
also provides service hours for the auxiliary
engine and hydraulic system fluids and filters.
Additionally, the sweeper odometer records
lifetime and trip curb miles swept.

BlueLogic® Control System

Multiplexed electrical control system which
provides intelligent safety features and assists
in sweeper troubleshooting with on board
diagnostics (OBD).

Outside cab Dump

SAFETY/WARNING DEVICES

Alternating LED rear flashers (2)
Back-up alarm
SAE Class 1/California Title 13 amber beacon
light with limb guard - LED

OPTIONAL EQUIPMENT

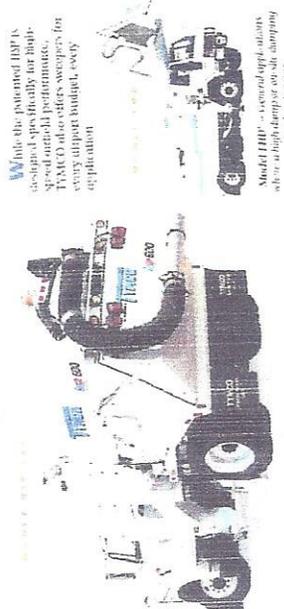
AOD water pump w/washdown hose/spray gun
Abrasion protection package
Auto sweep interrupt w/overspeed interrupt
Auxiliary hand hose 8 in dia. (203 mm)
Auxiliary hand hose hydraulic boom assist
Auxiliary hand hose catch basin cleaning
package
Auxiliary hydraulic system
Camera/monitor system
COMDEX (extra water and tool box) 330 gal
(1249 L) total capacity
Gutter broom tilt adjuster(s) (left, right, or twin)
Gutter broom variable speed
Gutter broom drop-down
Hi/Low pressure washdown system
High output water system
Hopper deluge system
Hopper drain system
Hose reel, 50 ft (15.24 m) retractable
Lateral air flow nozzle
Linear actuator - pressure bleeder w/gauge
Liquid recovery system
Magnet, light, standard, or heavy duty
Pick-up head curtain lifter
Stainless steel options:
Hopper:
Hopper weldment
Dump door
Inspection doors
Raker plate
High capacity dust separator
Hopper screen
Blower housing
High capacity dust separator
Hopper drain
Paint color (other than TYMCO standard white)

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

CONVENTIONAL CAB CHASSIS AVAILABLE

International 4300
Freightliner M2-106

The complete airport family.



While the powerful HSP is designed for high-level performance, TAMCO offers sweepers for every airport budget, every application.



Model 1100 - Several applications where a high capacity airfield sweeper is called for.



Model 600 - Perfect for general sweeping applications and for use on taxiways, runways, and parking areas. Offers the same features as the larger model, but with a more compact design.



Model 2100 - More compact, higher maneuverability than larger models. Ideal for use on taxiways, runways, and parking areas. Offers the same features as the larger model, but with a more compact design.



Model 400 - Offers the same features as the larger model, but with a more compact design.

FACT: The Tymco HSP is the first revolution in airport sweeping in over 30 years.



For the first time in over 30 years, a revolutionary new product has hit the airfield sweeping market. The Tymco HSP is the first of its kind. It's a complete revolution in airport sweeping. It's the first sweeper to use a 100-hp diesel engine, a 100-hp transmission, and a 100-hp drive shaft. It's the first sweeper to use a 100-hp diesel engine, a 100-hp transmission, and a 100-hp drive shaft. It's the first sweeper to use a 100-hp diesel engine, a 100-hp transmission, and a 100-hp drive shaft.

Brooms and runways simply don't mix.

Other runway users claim that their sweepers will clean an airport and reduce personnel risk. In fact, brooms only get in the way on the multiple terrain of airfields. It's why you need a main broom on our HSP sweeper.

1. Tymco's 100-hp engine. It does the job with the main broom on the 100-hp engine. It does the job with the main broom on the 100-hp engine.

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2. Main brooms used in high-speed applications wear out quickly because they're so old.

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3. Air flow, the unique ability to allow the curtains of the main broom to sweep the runway. A main broom that cannot get down into the cracks and the crevices of expansion joints and the joints, but that can get into the cracks, is the HSP's main broom.

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4. Main brooms have the unwanted habit of getting snappily by brooms, strips, and chattering around wires and other debris, causing the broom and the broom's diameter. No broom, no problem.

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There's a reason why over 90% of U.S. Air Force sweepers are Tymco's.

They've discovered the power and cost effectiveness of Tymco's 100-hp engine. It does the job with the main broom on the 100-hp engine. It does the job with the main broom on the 100-hp engine.

Cost-effective air maintenance and over-the-long sweep.

Fortunately, high performance doesn't have to mean high price. The HSP delivers well below that price tag with a competitive price per hour. The HSP out-runs them all.

5. Lower maintenance means less downtime and more uptime.

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6. Greater fuel efficiency. Thanks to HSP's 100-hp engine.

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7. No extra wheels, tires, or bearings to repair.

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The HSP's the only "surely safe" sweeper to pass the demanding 10-cylinder test with flying colors.

The brooms and persistent habits of tired airports are an airport manager's nightmare. You need to be confident that your sweeper can do the job on heavy debris. That's why TAMCO decided to put the HSP through the government's rigorous 10-cylinder test. Here's how it works. Ten solid steel cylinders, measuring 1" in diameter by 1" long are placed on the ground, varying in weight. The test, the sweeper must pick up the cylinders in one pass at 15 mph. With an 80" wide sweeping path, the HSP's 100-hp engine - and is the only runway sweeper to pass the 10-cylinder test, without the assistance of a broom.

8. Higher fuel efficiency. Thanks to HSP's 100-hp engine.

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9. No extra wheels, tires, or bearings to repair.

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10. Greater fuel efficiency. Thanks to HSP's 100-hp engine.

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11. No extra wheels, tires, or bearings to repair.

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