

Tymco's engineered design keeps the cost down by adding custom options *only* when you need them.



LIQUID RECOVERY SYSTEM — OPTION

Stormwater runoff regulations make our Liquid Recovery System more vital than ever. From contaminated water and deicer material to glycol recovery, our 700 gallon capacity allows you to collect potentially hazardous liquids while sweeping, then pump them out later into appropriate containers for recycling or disposal.

- Far from the usual gravity drain hose system, TYMCO's LRS offers its exclusive hopper float device allowing you to pump all liquids from the hopper without any of the solids escaping.
- In-cab controls and indicators tell your operator when it's time to pump.
- Optional heavy-duty discharge pump and hose are also available.

LATERAL AIR FLOW NOZZLE — OPTION

The lateral air flow nozzle is the perfect way to eliminate freshly cut grass, sand and snow buildup around runway lights and to quickly dissipate puddles of water accumulated after a storm.

- 360 degree rotational nozzle changes direction with ease.
- Our adjustable nozzle opening allows you to control velocity or volume and adjust for the distance to be blown.
- Functions in lieu of left hand gutter broom.



MAGNET — OPTION

Mounted to the front of the sweeper, the HSP full width 84" magnet efficiently picks up potentially dangerous metal FOD.

- In-cab controlled hydraulic height adjustment of from 2"-10".
- High capacity, 520 gauss strength at 2" ground clearance. Lower capacity units are not effective at high speeds.
- Electromechanically activated from in-cab controls for automatic unloading of debris.

AUXILIARY HAND HOSE — OPTION

From the stored position in the back of the sweeper, the auxiliary hand hose quickly adapts the HSP into a powerful suction nozzle for hard to get to cleaning applications such as catch basins, around garbage containers and compactors, and along fenced areas.

- Auxiliary hand hose available in 6" or 8" diameter.
- Auxiliary hand hose hydraulic boom assist.



ADDITIONAL OPTIONS AVAILABLE:

- Auxiliary hydraulic system • Cab over package • Gutter broom tilt adjuster(s) [right, left, or both]
- Hi/low pressure washdown system • High output water system • Hopper drain system • Hopper deluge system

At Tymco, we take training and service very seriously.



So seriously, in fact, that *for more than a decade*, we've offered 2-day training schools at our facility in Waco, Texas, to over two thousand participants. Targeted for managers, operators and mechanics, classes are maintained at low enrollment levels so your people get *their* questions answered and plenty of hands-on experience. *You* get thoroughly trained, knowledgeable operators and mechanics for an improved cost per operating hour.

- 3500 square feet of temperature controlled floor space explicitly designed for training. You'll learn about your new TYMCO sweeper through demonstrations on an operational sweeper and systems components.
- Over 25 scheduled two-day schools per year.
- Enrollment limited to 10-15 participants.
- Schedule set and published each fall.
- Published, structured agenda.
- Classes begin Tuesday morning and end Wednesday afternoon.
- Special schools can be arranged for large groups.



Tymco's exclusive network of independent dealers provide parts and full service in over 50 U.S. locations and dozens of others worldwide.



Tymco Regenerative Air Cleans Deeper.™

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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 for the air industry. Engineered specifically for superior control of Foreign Object Damage (FOD) – of every size and shape – TYMCO's patented HSP (High Speed Performance) Regenerative Air Runway Sweeper puts the power of a 250 mph controlled jet of air in your operators' hands. **Without the cost and upkeep of main brooms, elevators or vacuums**, the HSP digs into crevices for unsurpassed cleaning of even the smallest FOD while prying up the heaviest debris. All at a speed today's busy airports demand. **In test after test, the HSP sweeper consistently picks up 100% at 15 mph – and can sweep up to 25 mph for faster cleanups.** The clincher: it's the most economical sweeper to operate, bar none.

The powerful blower on the HSP pulls air from inside the hopper, then blasts it down and across the pick-up head onto the pavement at 250 mph, forcing objects as heavy as bolts and solid steel cylinders – and particles as small as 10 microns – into the hopper. Our patented centrifugal dust separator then thoroughly cleans this same air and recycles it – never exhausting dirty air into the environment as do vacuum sweepers.



The HSP is the only "strictly air" sweeper to pass the demanding 10-cylinder test with flying colors.

The hazards and potential liabilities of littered runways are an airport manager's nightmare. You need to be confident that your sweeper can do the job on heavy debris. That's why TYMCO 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 3" long are placed on the ground at varying intervals. To pass the test, the sweeper must pick up all ten cylinders in one pass at 15 mph. With an 87" wide sweeping path, the HSP picks up all ten – and is the only runway sweeper to pass the test using strictly air, without the assistance of brooms.



Brooms and runways simply don't mix.

Other manufacturers claim that their sweepers (with main brooms) are "designed for runway use." Research with input from airport and airline personnel tell us that brooms only get in the way on the unique terrain of airfields. Here's why you won't find a main broom on our HSP sweeper:

- 1.** Tymco's Regenerative Air does the job without main brooms (the 10-cylinder test is proof positive). Less powerful vacuum sweepers absolutely, positively need the main brooms to even come close to the performance of the HSP.
- 2.** Main brooms used in high-speed applications wear out quickly because they run constantly. So you've got the added expense of broom replacement about every 200 hours costing hundreds of dollars annually and thousands over the life of the machine – along with the added expense of downtime and maintenance.
- 3.** Air has the unique ability to follow the contours of the ground for more efficient sweeping. A main broom just cannot get down into concrete spalls and the crevices of expansion joints and tie-downs – but actually fills them with debris. The blasting action of the HSP air system easily removes FOD and digs deeper for a totally clean surface.
- 4.** Main brooms have the unwanted liability of getting snagged by tie-down straps and refueling ground wires – almost always damaging the broom and causing excessive downtime. **No broom, no problem.**

Cost-effective at purchase and over the long sweep.

Fortunately, high performance doesn't have to mean high price. The HSP delivers well before it hits the runway – with a competitive price we'll cost out against any competitor. For long-term economy, the HSP out-runs them all:

- Fewer mechanical parts means less downtime and greater productivity.
- No main broom, elevators and flights to replace or maintain.
- No caster wheels, tires or bearings to repair or replace.
- No filters or baghouses.
- Greater fuel efficiency (credited to HSP's Regenerative Air design).
- Can operate on standard Jet A1 or JP8 fuel.
- Simple, safe raker assist dumping system eliminates unnecessary dump hoist and hydraulic components.

Whether you're replacing a few sweepers or buying your first fleet, the HSP is the only choice for long-term cost-effectiveness.



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

They've discovered the power and cost-effectiveness of Tymco's Regenerative Air. Primarily using the Multi-purpose Model 600 (sister sweeper to the HSP designed for runways and streets), the Air Force has been buying the 100% U.S.A.-made TYMCO sweeper since 1982 – with over 600 units currently in use, and hundreds more serving in other military applications worldwide. Other manufacturers may meet military specifications, but TYMCO meets their expectations – on the runway and off.

The complete airport family.



While the patented HSP is designed specifically for high-speed airfield performance, TYMCO also offers sweepers for every airport budget, every application.



Model FHD® – General applications where a high dump or on-site dumping is advantageous.



Model 210/300 – More compact, highly maneuverable sweepers designed specifically for use around parking and maintenance areas, airport roads, hangars, and low clearance terminal areas (such as passenger air bridges).

Model 350/600 – Designed for general sweeping applications found on and off the runway. 600 BAH – Offers the same features as the Model 600, but with an on-demand broom assisted pick-up head, especially effective in construction situations and extreme curb and gutter applications.



If you're ready to buy runway sweepers, note the winds of change.

Environmental regulations are mounting. Recognizing the importance of sweepers, the FAA offers funds for approved sweeper purchases – those meeting specifications. The TYMCO HSP meets those specs. Our proven Regenerative Air System is the new standard in efficient and economical sweeping – for routine needs or potentially hazardous runoff control. With its high-speed performance, dependability and competitive price tag, the HSP is poised to take flight.

Call your local dealer or TYMCO today for a personal demonstration.