

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		\$212,400 ⁰⁰
	Freightliner m2	106	
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 X 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)

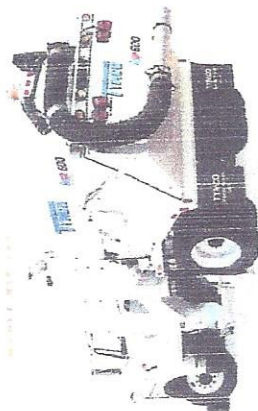
*Special options are available for your individual
requirements. Contact your local dealer or
TYMCO.*

CONVENTIONAL CAB CHASSIS AVAILABLE

International 4300
Freightliner M2-106

The complete airport family.

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



Model 3400A

Model 2110/300 - More compact, highly maneuverable sweeper designed specifically for use around parking lots, maintenance areas, airport roads, highways, and low clearance areas. Sweeper width is 10' 6" and it has a 300-gallon capacity.

[illegible]

Environmental regulations are mounting, complicating the importance of sweepers. The FAA offers rebates for approved sweepers purchased at those meetings and seminars. The FMCA's HSP meets those spots. Our sweeper, the Tarmac Sweeper, is the new standard in ground regeneration. Air System is the new standard in efficient and economical sweeping - for routine needs or for emergency cleanups, such as after a runway closure.

With its high-speed performance, dependability and competitive price tag, the HSP is poised to take flight.

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

Dr. George H. Brown

[illegible]

Without the rat and upper-pair of main beams, elevators at terminals that EBP lifts into crevices for unsupervised cleaning slow the smooth TOL while putting up the cost. And, all at a speed today's busy airports demand. In test after test, the EBP-sweeper consistently picks up 100% of 15 mph — and can sweep up to 25 mph for faster cleanings. The clincher is the need to maintain a safe, open, and unobstructed aisle for people, baggage

The potential of these, on the other hand, are very mixed. In the case of the 1987 study, the researchers found that the 250 mg/day dose of nifedipine had no effect on the 24-hour urinary excretion of calcium. In the case of the 1988 study, the researchers found that the 250 mg/day dose of nifedipine had no effect on the 24-hour urinary excretion of calcium. In the case of the 1989 study, the researchers found that the 250 mg/day dose of nifedipine had no effect on the 24-hour urinary excretion of calcium.

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2
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The hazards and potential liabilities of insured lawsuits are an important manager's nightmare. You may be confident that your insurer can do the job. VIMCO decided to put the ISP through the paces last fall. Here's how it worked. In solo street

Photo © J. Paul Smith



Other manufacturers claim that their sweaters (with main "ingredient" one "designed for runway use") aren't as soft, light, warm and durable, so-called, tell us, that Brooks only got in the way in the unique technical attributes. If so, why you won't find a man in Brooks on our list, see later.

Ilynx's Representative Air does the job without mean breezes—the 10-cylinder test is proof positive. Less powerful vacuum sweepers absolutely, positively need the mean breeze, to even come close to the

2. Main bearings used in high-speed applications wear out quickly because they run constantly, so you accept the added expense of heavier 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.

Air has the unique ability to follow the contours of the ground for more efficient heat-pump operation.

Many beams have the unwanted habit of getting snugged by hooker, slaps and reducing ground wires - almost safely harm many the beam and causing excessive moisture. No beam, no problem.

There's a reason why over 90% of U.S. Air Force engineers are **Boysen**.

They've discovered the power and cost effectiveness of **Boysen's** Reprocoat Air. Primarily using the Multi purpose M60 (SOF) water-pow for the F15P, F16, F18, F19, F22, F23, F24, F25, F26, F27, F28, F29, F30, F31, F32, F33, F34, F35, F36, F37, F38, F39, F40, F41, F42, F43, F44, F45, F46, F47, F48, F49, F50, F51, F52, F53, F54, F55, F56, F57, F58, F59, F60, F61, F62, F63, F64, F65, F66, F67, F68, F69, F70, F71, F72, F73, F74, F75, F76, F77, F78, F79, F80, F81, F82, F83, F84, F85, F86, F87, F88, F89, F90, F91, F92, F93, F94, F95, F96, F97, F98, F99, F100, F101, F102, F103, F104, F105, F106, F107, F108, F109, F110, F111, F112, F113, F114, F115, F116, F117, F118, F119, F120, F121, F122, F123, F124, F125, F126, F127, F128, F129, F130, F131, F132, F133, F134, F135, F136, F137, F138, F139, F140, F141, F142, F143, F144, F145, F146, F147, F148, F149, F150, F151, F152, F153, F154, F155, F156, F157, F158, F159, F160, F161, F162, F163, F164, F165, F166, F167, F168, F169, F170, F171, F172, F173, F174, F175, F176, F177, F178, F179, F180, F181, F182, F183, F184, F185, F186, F187, F188, F189, F190, F191, F192, F193, F194, F195, F196, F197, F198, F199, F200, F201, F202, F203, F204, F205, F206, F207, F208, F209, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219, F220, F221, F222, F223, F224, F225, F226, F227, F228, F229, F230, F231, F232, F233, F234, F235, F236, F237, F238, F239, F240, F241, F242, F243, F244, F245, F246, F247, F248, F249, F250, F251, F252, F253, F254, F255, F256, F257, F258, F259, F260, F261, F262, F263, F264, F265, F266, F267, F268, F269, F270, F271, F272, F273, F274, F275, F276, F277, F278, F279, F280, F281, F282, F283, F284, F285, F286, F287, F288, F289, F290, F291, F292, F293, F294, F295, F296, F297, F298, F299, F300, F301, F302, F303, F304, F305, F306, F307, F308, F309, F310, F311, F312, F313, F314, F315, F316, F317, F318, F319, F320, F321, F322, F323, F324, F325, F326, F327, F328, F329, F330, F331, F332, F333, F334, F335, F336, F337, F338, F339, F340, F341, F342, F343, F344, F345, F346, F347, F348, F349, F350, F351, F352, F353, F354, F355, F356, F357, F358, F359, F360, F361, F362, F363, F364, F365, F366, F367, F368, F369, F370, F371, F372, F373, F374, F375, F376, F377, F378, F379, F380, F381, F382, F383, F384, F385, F386, F387, F388, F389, F390, F391, F392, F393, F394, F395, F396, F397, F398, F399, F400, F401, F402, F403, F404, F405, F406, F407, F408, F409, F410, F411, F412, F413, F414, F415, F416, F417, F418, F419, F420, F421, F422, F423, F424, F425, F426, F427, F428, F429, F430, F431, F432, F433, F434, F435, F436, F437, F438, F439, F440, F441, F442, F443, F444, F445, F446, F447, F448, F449, F450, F451, F452, F453, F454, F455, F456, F457, F458, F459, F460, F461, F462, F463, F464, F465, F466, F467, F468, F469, F470, F471, F472, F473, F474, F475, F476, F477, F478, F479, F480, F481, F482, F483, F484, F485, F486, F487, F488, F489, F490, F491, F492, F493, F494, F495, F496, F497, F498, F499, F500, F501, F502, F503, F504, F505, F506, F507, F508, F509, F510, F511, F512, F513, F514, F515, F516, F517, F518, F519, F520, F521, F522, F523, F524, F525, F526, F527, F528, F529, F530, F531, F532, F533, F534, F535, F536, F537, F538, F539, F540, F541, F542, F543, F544, F545, F546, F547, F548, F549, F550, F551, F552, F553, F554, F555, F556, F557, F558, F559, F560, F561, F562, F563, F564, F565, F566, F567, F568, F569, F570, F571, F572, F573, F574, F575, F576, F577, F578, F579, F580, F581, F582, F583, F584, F585, F586, F587, F588, F589, F590, F591, F592, F593, F594, F595, F596, F597, F598, F599, F600, F601, F602, F603, F604, F605, F606, F607, F608, F609, F610, F611, F612, F613, F614, F615, F616, F617, F618, F619, F620, F621, F622, F623, F624, F625, F626, F627, F628, F629, F630, F631, F632, F633, F634, F635, F636, F637, F638, F639, F640, F641, F642, F643, F644, F645, F646, F647, F648, F649, F650, F651, F652, F653, F654, F655, F656, F657, F658, F659, F660, F661, F662, F663, F664, F665, F666, F667, F668, F669, F670, F671, F672, F673, F674, F675, F676, F677, F678, F679, F680, F681, F682, F683, F684, F685, F686, F687, F688, F689, F690, F691, F692, F693, F694, F695, F696, F697, F698, F699, F700, F701, F702, F703, F704, F705, F706, F707, F708, F709, F710, F711, F712, F713, F714, F715, F716, F717, F718, F719, F720, F721, F722, F723, F724, F725, F726, F727, F728, F729, F730, F731, F732, F733, F734, F735, F736, F737, F738, F739, F740, F741, F742, F743, F744, F745, F746, F747, F748, F749, F750, F751, F752, F753, F754, F755, F756, F757, F758, F759, F760, F761, F762, F763, F764, F765, F766, F767, F768, F769, F770, F771, F772, F773, F774, F775, F776, F777, F778, F779, F780, F781, F782, F783, F784, F785, F786, F787, F788, F789, F790, F791, F792, F793, F794, F795, F796, F797, F798, F799, F800, F801, F802, F803, F804, F805, F806, F807, F808, F809, F810, F811, F812, F813, F814, F815, F816, F817, F818, F819, F820, F821, F822, F823, F824, F825, F826, F827, F828, F829, F830, F831, F832, F833, F834, F835, F836, F837, F8

Consecutive at particles
and over the long sweep.

Fortunately, high performance doesn't have to mean a high price. The HSP delivers just below that price tag, with a competitive price, well-cut and apparel-friendly design, and a wide range of options for customization. For long-term economy, the HSP outperforms them all:

- Fewer mechanical parts means less downtime and greater productivity.
- No manual blowers, elevators and flights to replace or maintain.
- No other schools, firms or businesses to report.

- No filters or lag devices.
- Greater fuel efficiency—resulted in EEP's frequency.
- Can operate on surplus jet A1 or T5 fuel.
- Simply, safe *rather than dumping* soon eliminates unnecessary *drain, flush and hydraulic* components.

Whether you're replacing a low capacity or buying your first fleet, the ASP is the only choice for long-term effectiveness.