Attachment 2

SPECIFICATIONS

THE TYPHOON SERIES

Model	Typhoon 1000		Typhoon 4000	
	Without Water Injection	With Water Injection	Without Water Injection	With Water Injection
Effective CA* Required	1014: CA-108″ 1017: CA-132″	1014: CA-132″ 1017: CA-156″	4020: CA-156″ 4025: CA-192″ 4030: CA-216″	4020: CA-180″ 4025: CA-216″ 4030: CA-240″
Box Capacities	14 or 17 Cubic Yards		20, 25 or 30 Cubic Yards	
Suction Housing	7 Gauge and 10 Gauge Construction, 1/4″ Thick A.R. Steel Replaceable Liners			
Suction Impeller	30″ or optional 33″, or optional 36″ Diameter Fan T-1 Steel Blades 6 Blades – 3/8″ T1 3/16″ Convex Back Plate			
Suction Case Size	30″ or 33″ Impeller - 47″ Diameter x 46″ High & 14″ wide 36″ Impeller - 56″ Diameter x 53″ High & 16″ Wide			
Power Transmission	5VGrip Notched Power Band			
Hydraulic Hose Boom	6-Way Overhead (Standard)			
John Deere Diesel Engine	4045T: 80 HP @ 2500 rpm		4045T: 99 HP @ 2500 rpm	
Hose Size	16″ x 10′			
Paint Colors	Yellow or White (Standard) / Special Paint (Optional)			

Other sizes and dimensions are available, please consult with your TARCO® representative.

Distributed By:

Manufactured By:

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TARCO®

INDUSTRIAL | COMMERCIAL | MUNICIPAL
LEAF LOADERS

FORT MILLER FAB3

TYPHOON SERIES

Truck mounted "one man operation" vacuum leaf collectors tailored for your seasonal needs.

THE TYPHOON SERIES

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THE TYPHOON SERIES LEAF LOADER

The Typhoon Series vacuum leaf loader, manufactured by Fort Miller FAB3 Corp., is a one man operation, truck mounted vacuum for the efficient and cleaner collection of leaves, litter, grass and other roadside debris. Operations are joystick controlled within the cab for a greater degree of safety and higher level of productivity. Our dust reduction feature reduces airborne dust, creating a safer and cleaner environment for operators and surrounding neighborhoods.

OPTIONS

2-Way Overhead Boom
4-Way Hydraulic Boom
(Joystick Controlled)

Suction Hose
18" Diameter
Urethane UFD Suction Hose

Dust Reduction Water Injection System

TARCO® Down Draft "DR" Box

Hydrant Washdown System

"DR" Poly Dust Collection Bags

Special Paint

Digital Control Panel
(Based on Engine HP)

Leaf Loader Factory Installation
for Customer Supplied Chassis

LED/Strobe Lighting Packages

John Deere Turbo Diesel
JD 4045T 85 HP @ 2500 rpm
JD 4045T 115 HP @ 2500 rpm*

Tier 4 engines available upon request
Other engine manufacturers available upon request.

*** 36" diameter fan application only.**

The Typhoon Series is available in two base models to fit your operational needs. We offer a truck and vacuum package, or custom factory installation capabilities for customer supplied cab & chassis.

All Typhoon Series vacuum leaf loaders are manufactured to the same high Fort Miller FAB3 quality specifications as all our other TARCO® brands. Standard features include: rugged body construction for durability and extended life, heavy duty 6 blade suction impeller, curb side pickup, built-in operator and equipment safety mechanisms, grip notched power belt drive to protect engine and PTO, and John Deere diesel engines, to ensure premium performance and reliable local service.

SUCTION HOUSING

The housing is constructed of 10 gauge steel and furnished with ¼" thick replaceable liners. Liners are abrasion resistant steel and are slip in design. The backing plate and cover plate are constructed from 7 gauge steel. A clean-out door is provided in the suction housing with a safety engine shutdown switch.

POWER TRANSMISSION

The six (6) blade suction impeller is driven by a grip notched power band thereby protecting the engine and PTO from shock loads imposed on the suction impeller.

DISCHARGE ASSEMBLY

The discharge is constructed of 10 gauge steel and equipped with a replaceable 3/16" thick, AR steel wear liner. The fan assembly is mounted with a 45° discharge angle..

HOSE FEATURES

Suction Assembly: The heavy duty rubber intake hose is 16" in diameter and 10' long. It has a quick disconnect coupler with an engine kill switch if not properly connected to the housing. The hose connects to a steel suction nozzle, which prevents bending or kinking.

Hydraulic Hose Boom: The standard 6-way overhead boom is equipped with spring support and joy stick control to hydraulically move the nozzle up, down, left, right and control in/out articulation of the suction nozzle. The hose stores towards the front for greater visibility for transport.

ENGINE

The Typhoon is powered exclusively by a John Deere diesel engine, featuring a ounterbalanced crankshaft for smooth operation, and replaceable wet-type cylinder liners, which provides excellent heat dissipation. The engine is fully enclosed and mounted on rubber isolators to absorb vibrations. It comes equipped with a battery, secondary radiator screen, 30 gallon fuel tank with sight gauge. All engines meet Tier III emission standards.

HOPPER CONSTRUCTION

The hopper body is constructed of 10 gauge steel with a 10 gauge steel floor, and is available in 14, 17, 20, 25 and 30 cubic yard capacities. A gear driven hydraulic pump operates the upper body double acting hoist. *(Typhoon 1014, 1017, 4020 is a single cylinder, Typhoon 4025, 4030 has dual cylinders. All of which are NTEA rated.)*

CAB FEATURES

Our package deal offers a conventional chassis design with automatic transmission and dual sit down steering and controls, for better visibility and safety. Standard controls include start/stop of the John Deere diesel engine, throttle control, analog tachometer, hour meter, ammeter, oil pressure and temperature gauges and Murphy safety shutdown system. The standard lighting package includes all required DOT lights with two 7" diameter rear mounted amber lights.

New "DR" Dust Reduction Design
Cleaner Leaf Collection

Conventional Leaf Collection Box
with Screened Roof

"DR" Dust Reduction Design
The Typhoon Series is available with our "DR" designed collection box. This collection box incorporates a down draft airflow versus a screened roof discharge, thus minimizing dust and particulate discharge into the air. Water injection can also be used to suppress airborne dust. This results in a safer work environment and less complaints from residents. The Typhoon "DR" provides a "Greener" leaf collecting solution.

Six-Axis Hydraulic Hose Boom
The Typhoon Series is standard equipped with a hydraulic six-axis hydraulic hose boom. The six-axis allow for precision movement of the hose boom controls and allow the operator to maneuver the hose boom through difficult curbside pickups with ease.

Collection Box Features
The collection box is equipped with a standard top hinged door that is controlled pneumatically. A dual "barn door" style hinged doors are optional. The collection box can be equipped with either water injection, "DR" box design, or hydrant washdown ("DR" box only).

Cab Controls
The simplistic cab control offers all the functions of the leaf machine with easy to use controls. Murphy control panel for engine functions, six-axis joy stick for hydraulic hose boom functions, air tailgate release, light controls and all necessary gauges.

FORT MILLER FAB3

- Snow and Ice Equipment
- All Season Dump Bodies
- Leaf Loaders

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