

THE ULTIMATE FOD SWEEPER



Photo courtesy of NASA

THE FOD*BOSS®



**From the largest International Airport,
to the smallest regional airstrip,
the FOD* BOSS revolutionises FOD control.**

HIGH EFFICIENCY

This extraordinary patented sweeper is the only equipment designed exclusively for collecting FOD. Debris such as nuts and bolts, pavement fragments, washers, rivets, stones, sand and gravel is collected simply, inexpensively with amazing speed (up to 40kph/25mph) and efficiency at a pick-up rate un-matched by any other sweeper.



▲ The FOD* BOSS rollerbag

EASY TO USE: COMPACT AND PORTABLE

Easy to use by one person, it is simply towed by any motorised vehicle.

No special licenses or skills are required.

At low speeds using a compact tow vehicle, it can be used right up to and around parked aircraft.

The FOD* BOSS has no motor, no noise, is simple, reliable and can't break down.

It is maintenance free and guaranteed.

The complete unit including the special safety release tow hitch folds into a storage bag that measures 2.5 metres (8 feet 4 inches) long by 300 millimetres (12 inches) in diameter and has a total weight of less than 30 kg (66 lbs).

In the event of a FOD emergency, the FOD* BOSS can be transported easily and rapidly to the site to deal with the problem ensuring minimum delay to aircraft operations.

LOW COST

The low cost means it is affordable by even the smallest Airports, allowing access to the same high standards of FOD control as those implemented by larger Airports without the high capital and service costs of complex machinery.

Regional Airports can now afford to have FOD sweeping equipment available 24 hours a day.

Airline Maintenance facilities will find the FOD* BOSS indispensable in ensuring FOD free hard stand areas.



DOUBLE & TRIPLE YOUR SWEEPING CAPACITY

Suction Sweeper

36,000 m² / HR

THE FOD* BOSS

60,000 m² / HR

DUPLEX

120,000 m² / HR

TRIPLEX

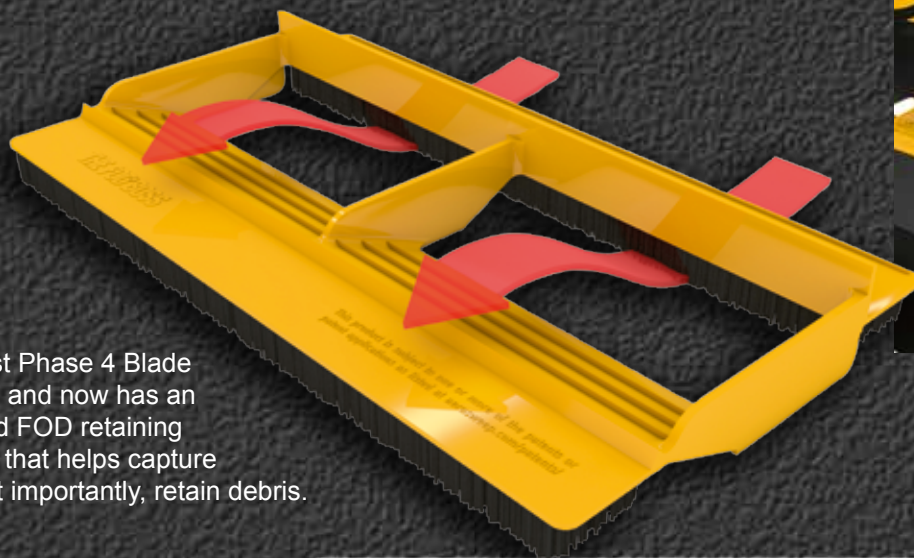
175,000 m² / HR

With a duplex hitch, sweep 4.8m(16') wide and with the Triplex trailer you can sweep a huge 7m(22') width at up to 25 Kph – more than 4 times the capacity of conventional suction sweepers.

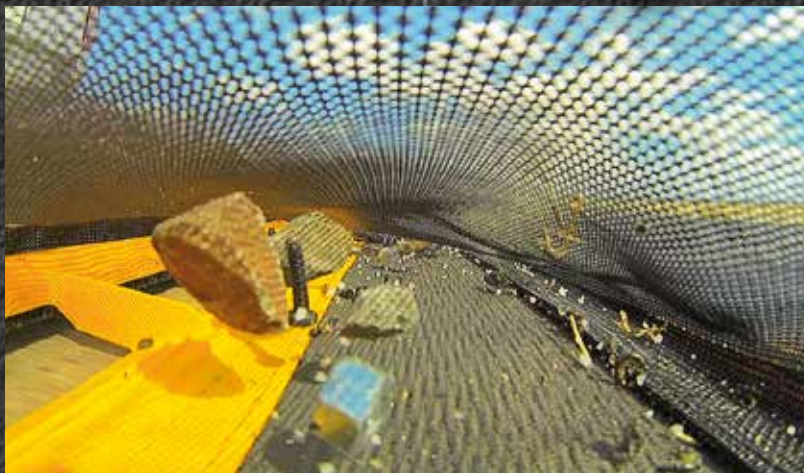
The triplex trailer also doubles as a convenient transport and storage device.

◀ The FOD* BOSS will out perform any mechanical sweeper in single, Duplex or Triplex configuration: in speed and efficiency,

FOD*BOSS PHASE 4 DEBRIS RETENTION BLADE



The latest Phase 4 Blade is unique and now has an increased FOD retaining up-stand that helps capture and most importantly, retain debris.



ENVIRONMENTALLY CLEAN AND SILENT

Battery electrical powered vehicles can tow the FOD* BOSS with ease making it the only FOD sweeper with this desirable capability.

The FOD* BOSS is low impact on aircraft movement surfaces reducing pavement damage often caused by heavy sweeping machinery.

Its quiet operation makes it convenient to use around the clock in noise sensitive areas.

TOUGH AND DURABLE - PROVEN PERFORMANCE

Extensive research and development combined with exhaustive field trials and many years of operational experience has resulted in a product manufactured from the toughest wearing components. This, combined with the best construction techniques ensures a long and efficient service life. The FOD* BOSS is constantly proving its value at airports large and small and Military bases around the world. Please ask for a list of clients to refer to.



ADAPTABLE



Concrete, asphalt, interlock paving, fine textured spray seal, smooth or grooved, wet or dry, it's all easy going for the FOD* BOSS.

It does not use vacuum suction so there is no danger of lifting pavement surfaces, even when freshly laid. It does not retain water and works equally well in the rain.

This unique Speed Sweeping System uses a remarkable action invented out of necessity to deal with FOD control at airports and military bases. Each FOD* BOSS incorporates a series of tough, long wearing brushes that activate the FOD which is then collected by rows of specially formulated Aero-thane scoops and entrapped by a retaining mesh. The FOD* BOSS adjusts automatically as it wears ensuring constant FOD collection.

No service is required to maintain efficiency, if it's moving – you know it's working. It does not rely upon magnetic force and is equally effective on ferrous and non-ferrous metal objects.

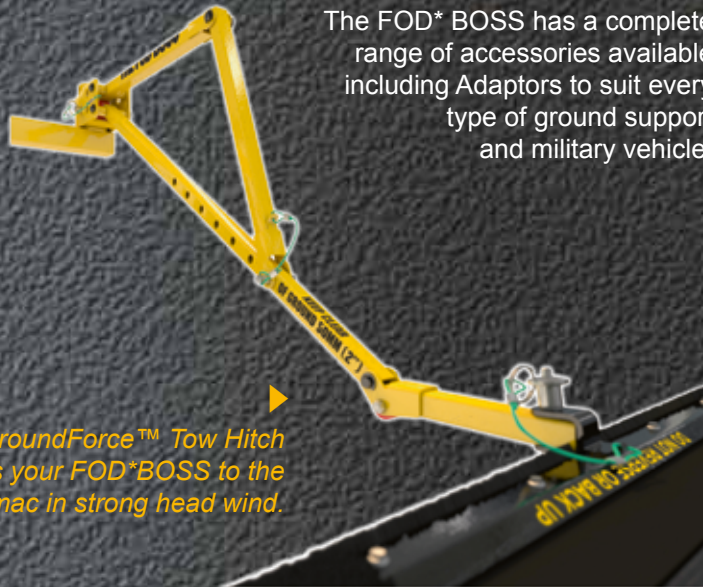
The FOD* BOSS is designed to collect debris over broad areas quickly, efficiently and inexpensively. Collected debris is easily recoverable for critical analysis.

RANGE OF ADAPTORS AND ACCESSORIES

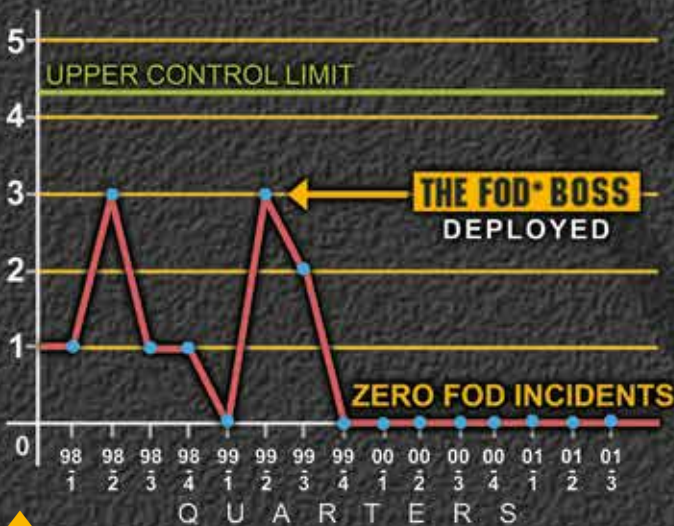


The FOD* BOSS has a complete range of accessories available including Adaptors to suit every type of ground support and military vehicle.

*The new GroundForce™ Tow Hitch holds your FOD*BOSS to the tarmac in strong head wind.*



MILITARY OPERATIONS – WAR READINESS KIT – FORWARD ROLE



The FOD BOSS was deployed at this US Airforce base and incurred zero FOD incidents for the following seven quarters.*

The FOD* BOSS is a precision FOD sweeper proven to be outstanding in its ability to prevent Foreign Object Damage to the highly vulnerable jet engines of fighter aircraft.

The compact portability of the FOD* BOSS affords incredible versatility and convenience to Forward Operations Units preparing for military exercises at short notice and at bases under equipped or seldom utilised.

The low cost and easy operation means individual squadrons can ensure their own flight line FOD control.



Air Force Tested – NATO Listed – Air Forces around the world have tested and now operate the FOD* BOSS, these include the USAF, RAF, RAAF, Italian AF, Canadian AF, and defence forces in France, Belgium, Spain and Finland. The FOD* BOSS has been allocated NATO stock numbers 3825-66-123-7130 and 3825-66-123-7132.



RACE TRACKS AND PROVING GROUND

Debris such as rubber, sand, stones and metal are extremely hazardous to performance racing vehicles.

The FOD* BOSS is capable of collecting ALL this debris from racetracks. Used before racing, in between events, or as a rapid response sweeper after an accident or run-off, it is highly manoeuvrable and can be towed by a 4 wheel quad bike or golf cart.

THE FOD* BOSS®

Typical comments from FOD*BOSS operators:

*"We just received 14 of your new FOD*BOSS' and everything is going great.....
Our WING produced 6892 Sorties and we flew 30,0047 flying hours and we did all of this without losing
one Sortie (Aircraft) to FOD. Your product truly played an important part in the WAR and this WING.
I want to thank you for what you have and continue to do for the AIR FORCE FOD PROGRAM."
US Air Force Expeditionary Maintenance Group, Al-Udeid AB, Qatar*

"We are thrilled that The FOD BOSS has lived up to its reputation"
FedEx, Oakland, USA*

"The FOD BOSS so far has picked up more than the ramp Vacuum sweeper as evidenced by boxes of
material collected on the Dryden Flight line. Two boxes of debris, including rivets, paper clips, and safety
wire were collected. It's less expensive and easier to operate than the alternative mechanical sweeper."
Chief of Maintenance, Dryden Flight Research Centre NASA, USA*

*"CAMS National Track Safety Committee continue to be impressed with the amount of foreign objects
which the FOD* BOSS picks up after each morning's collection session at Albert Park
(Melbourne Formula 1 circuit), especially considering the simplicity of the unit and its ease of use."
April 2003
Bruce Keys
Manager - Safety and Medical Services,
Confederation of Australian Motor Sport Ltd*

"Our FOD BOSS arrived just prior to Christmas and what a Christmas present it was.
We are delighted with it. See the attached photos of the first time we used it. This was after a FOD
walk had been performed, all of this had been missed!"
Oregon Air National Guard USA.*

"The FOD BOSS was in constant use on tarmac areas used by military and War bird Jet Aircraft for
engine starts, launching and recovery. All jet operators commented favourably on the high standard
of FOD control that was achieved with the FOD* BOSS."
Australian International Air show*

"The FOD BOSS Sweeper has provided airports an affordable FOD control tool.
Aviation Safety Foundation Australia considers this effective and cost effective FOD control initiative
by Aerosweep has reduced foreign object damage on a major scale, and is a worthy
recipient of a certificate of Air Safety."
Aviation Safety Foundation Australia*

"The FOD BOSS demonstrations went very well on Friday.
A total of three were held. All individuals who observed this product agreed that it would play a key role
in keeping the facilities clean and FOD free.....Very impressive!"
The Boeing Company – Commercial Division, Long Beach, CA*

"The International Airport Zurich have been using the FOD BOSS for more than 3 years.
Its operation is an important part of our FOD control concept and is regularly and successfully
put into operation jointly with our suction type airport sweepers on the apron and parking area."
Head of Airfield Maintenance, International Airport Zurich, Switzerland.*

"We tested The FOD BOSS on Friday. This thing is unreal! Picks up everything....."
Barksdale AFB, Louisiana USA*

THE FOD*BOSS



TAKE THE TEST

The most dangerous debris is that unseen by the naked eye. You may think your Airfield is clean and free of debris – try the FOD* BOSS and you'll see that there is a lot more FOD out there than meets the eye!

Call us for a free trial.

DEALER SUPPORT

FOD*BOSS Distributors are established around the world. Please contact us or refer to our website for the dealer nearest you.



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This product is subject to one or more of the following Patents or Patent Applications:

Aust. Patent no. 704667, Aust. Patent no. 628556, U.S. Patent no. 5284211, U.S. Patent no. 5918684, Aust. & Int. Patent App. no. pp8736/99, Canada Patent App. no. 2200431, P.R. China Patent App. no. 95195855.0, European Patent App. no. 95933236.2, U.S. Patent App. no. 09/331983, U.S. Patent App. no. 09/338117

Aerosweep have a constant research and development program in progress therefore components and specifications are subject to change as improvements are developed.