UEG

UNIVERSAL ENGINEERING GROUP

UEG INDUSTRIAL MAGNETIC SWEEPER / PRODUCT BROCHURE

PASSIVE CLEANING.
ACTIVE PROTECTION.

Turn everyday equipment movements into a smarter, continuous approach to collecting ferrous debris.



LESS DOWNTIME. CLEANER WORKSITES. MORE PRODUCTIVE MOVEMENT.

01

PASSIVE COLLECTION

Collect ferrous debris while equipment performs its normal duties.

02

TYRE PROTECTION

Help reduce puncture hazards caused by scattered metal offcuts.

03

BETTER HOUSEKEEPING

Support cleaner, safer, more efficient operating areas.

01 / ENGINEERED FOR WORKING ENVIRONMENTS

Built for the real world.

A heavy-duty, chain-suspended magnetic system designed to collect ferrous debris during routine equipment operation, without a dedicated sweeping pass.

TWO PURPOSE-DESIGNED MOUNTING OPTIONS



COUNTERWEIGHT BOLT MOUNT

Uses existing rear counterweight bolt locations on suitably configured equipment.



HITCH PIN MOUNT

Uses the rear hitch pin location where a suitable mounting arrangement is available.



CHAIN-SUSPENDED BY DESIGN

The suspended magnetic assembly accommodates uneven ground and incidental contact with rocks, kerbs and speed bumps. Adjustable mounting permits a recommended 50-100 mm operating clearance.

UP TO 120 KG

Combined pull force - largest model

50-100 MM

Recommended operating clearance

316 STAINLESS

Replaceable protective magnet cover

WEATHERPROOF

Powder-coated in your chosen colour

02 / CONFIGURATIONS + CUSTOMER SUPPORT

One system. Built around your site.

Three standard widths, or a made-to-order size to suit your equipment, operating area and collection requirements.

MODEL	WIDTH	CONFIGURATION
MSUEG750	750 mm	Standard
MSUEG900	900 mm	Standard
MSUEG1060	1060 mm	Up to 120 kg combined pull force
CUSTOM	Made to order	Width and mounting to suit

Pull-force figures refer to the combined magnetic assembly, not lifting capacity. Collection performance varies with debris type, ground clearance and operating conditions.

SELECTED PRODUCT CUSTOMERS

SUMMIT HOMES AUSTRALIA

BACKBONE STEEL

CLIENT FEEDBACK

“The workmanship is top notch as well as function. On the first day we were cleaning them every 5 minutes — haven't had a flat since.”



PURPOSE-BUILT. EASY TO OWN.

- Custom powder-coat colours and sizes
- Simple gloved-hand debris removal
- Low routine maintenance requirements
- Replaceable 316 SS covers and spare parts

01 SPECIFY
Standard or custom width

02 MANUFACTURE
Typical 1-2 week lead time

03 INSTALL
Perth metro included

PASSIVE CLEANING. ACTIVE PROTECTION.

PRICE ON APPLICATION | Contact UEG for a site-specific quotation.

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Regional WA / interstate supply and installation available; additional fees apply.