



# BlueMAC All Metal Separator

Available in tracked, static or skid variations

**Boost your profit with contaminant free material,  
plus extract both ferrous & non-ferrous metal**



Waste Nothing **Gain Everything**

**Call: +44 (0)28 8775 5139**

or email [sales@bluemacmanufacturing.com](mailto:sales@bluemacmanufacturing.com)



**FREE**

test on your material  
see inside for more details

[www.bluemacmanufacturing.com](http://www.bluemacmanufacturing.com)





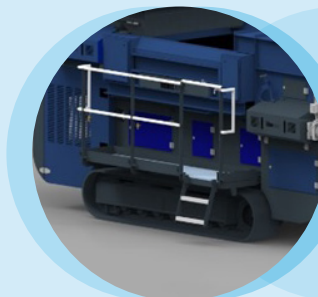
## Free Material Testing

We offer a testing facility for your material, simply send us a sample bag of approx 100kg and we will run it through our in-house testing machine. You will receive a video and full report of the results.

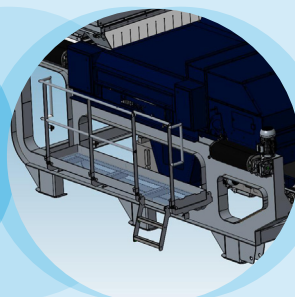


### Previously Tested Applications

Wood Chip
Solid Biomass
IBA (Incinerator Bottom Ash)
RDF (Refuse Derived Fuel)
SRF (Solid Recovered Fuel)
Frag Waste
Glass/Cullet
DMR (Dry Mixed Recyclables)
Trommel Fines
Recycled Hardcore



**Tracked**



**Skid**



**Static version as part of your plant**



**Ferrous metal**



**Non ferrous metal**



**Quality final material**

## Bring flexibility and profitability to every site

Generate new revenue streams with the BlueMAC Mobile All Metal Separator. Extract ferrous and non-ferrous metals from your waste material with ease. Plus open new markets for your remaining high quality final material, which in turn will attain a higher price. All from one machine.

Worldwide Patent Pending - PCT/EP2015/070700

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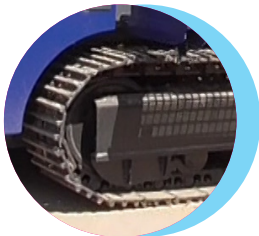




## Material throughput

For optimum screening, the material size should be as uniform as possible with particles as far as possible of similar size, ideally +/- 50mm. The actual screening efficiency achieved will depend on the material makeup and particle size. The maximum volumetric throughput is 90 m<sup>3</sup>/hr. The table below shows approximate rates in TPH based on various material densities.

Density kg/m <sup>3</sup>	TPH
200	18
300	27
400	36
500	45



### Track mounted option

All of the machine parts are mounted to a chassis which in turn can be mounted to a pair of tracks to allow for movement over uneven or unprepared surfaces.



### User-friendly control interface

The screen image of the AMS highlights what parts of the machine are being operated.

## Example Process - High quality Biomass



1

**Material is added onto vibratory pan feeder.**



2

**It then moves over a magnetic drum separator to discharge the ferrous metal via the first side conveyor**



3

**The material then moves onto the Eddy Current to remove the non ferrous metal via the second side conveyor**



4

**The high quality metal free biomass material leaves the AMS final conveyor**



Watch our Mobile  
All Metal Separator in action

Scan in the QR code to play the video on your mobile.

Find out how the BlueMAC Mobile AMS can benefit your business...

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## BlueMAC: From the ground up **innovation and reliability is built in**



**■** The equipment manufactured by BlueMAC is at the cutting edge of technology and very effective. **■**

**Tom Dann,**  
**South West Wood**  
**Products**



### **Robust precision engineering** from our state-of-the-art facility in Ireland

Our new 90,000sq foot state-of-the-art manufacturing facility in Dungannon, Ireland houses and operates some of the largest and most advanced steel cutting, bending and folding equipment in Europe. From concept to delivery, our focus is optimum engineering to ensure the highest possible profitability for your business - giving you maximum throughput and material quality with an equipment lifespan you can rely on.

#### **■ Exacting quality control**

Our experienced qualified engineers and our ISO 9001, 14001 & 18001 certification give our customers complete assurance of quality.



#### **■ Cutting edge innovation & technology**

BlueMAC drives down costs by reducing waste. We invest in our manufacturing equipment and employ the most talented personnel, plus provide continuous training.

#### **■ Proven reliability**

At BlueMAC we know how important it is to keep your machines running. We place emphasis on the quality of our raw materials and our manufacturing processes. We ensure our plants throughout the UK and Ireland are working to maximum capacity, generating the greatest possible revenue.

#### **■ Trusted service and parts**

We understand the importance of productivity and reliability and we appreciate the value in minimising downtime. Our emphasis on working closely and developing lasting relationships with customers long after the initial sale means our after-sales support is second to none.

Find out how BlueMAC can benefit your business...

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