

I-120RS Case Study



STRONG HERITAGE, STRONG FUTURE

I-120RS Case Study



Machine: **I-120RS**

Location: Oxfordshire, England

Material type: Concrete and Demolition waste

Machine spec:

- Primary = 120mm
- Secondary = 55mm
- 2 High / 2 Low blowbar configuration
- Martensitic Blow Bars

(RS mesh) 50mm

Rotor Speed: 750 RPM, Tip Speed = 40m/s

Output: 0-90mm
(0-50mm final product after screen)

Average 290 mtph



Average Fuel Consumption

Engine: Scania DC13 294kW (400hp)

Tier 4 @ 1900RPM

Engine load: 65-75%

Litres per Hour: Approx. 35 l/hr (9.25 US gal/hr)



Feed Material



Metal removed by magnet



Oversize Material being returned to chamber



Final 0-50mm Product