

# I-120RS Case Study



STRONG **HERITAGE**, STRONG **FUTURE**

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Machine: **I-120RS**

Location: Co. Londonderry, N. Ireland

Material type: Rejected paving bricks & flagstones

Machine spec: Primary = 50mm (2")  
Secondary = 20mm (13/16")  
2 High / 2 Low blowbar configuration  
Martensitic Blow Bars

(RS mesh) Top deck = 22mm (7/8")  
Bottom deck = 12mm (1/2")

Rotor Speed: 843 RPM, Tip Speed = 45 m/s

Output: **195–225mtph (215–248 US tph)**

- Fines: 130-150mtph (143-165 US tph)
- Mid-grade: 65-75mtph (72-83 US tph)



## Average Fuel Consumption

Engine: Scania DC9 294kW (400hp)

Tier 4 @ 1900RPM

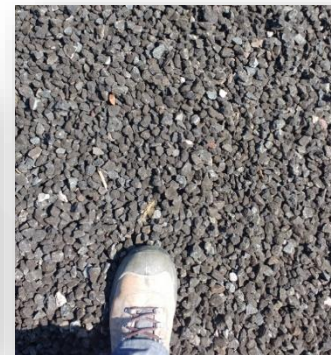
Litres per Hour: Approx. 30 l/hr (7.9 US gal/hr)  
(T-Link average)



Feed Material



Metal removed by magnet



12-22mm Product



0-12mm Product