

RECYCLED STEEL

PROCESSED HIGH-TENSILE SPRING STEEL

Recovered from mattress spring units at our plant in Victoria. Shredded, separated by magnets, vibration, suction and an electrostatic fibre separator, then supplied loose or baled. One input, one product, one process.

MATERIAL	Processed high-tensile / high-carbon spring steel scrap, recovered from mattress spring units	PRODUCTION	6–10 t per day, year-round
FERROUS CONTENT	Approximately 99%	AVAILABILITY	Typically 130–250 t per month
CONTAMINATION	Around 99% free of fabric, foam and other non-metal material after magnetic, vibration, suction and electrostatic separation	FORM	Loose (bulk) or baled; bale dimensions vary with the press cycle, confirmed per order
ORIGIN	Recovered and processed at the Recycle Group plant in Victoria, Australia	SUPPLY	Road or rail within Australia; containerised at our plant for export (≈25 t of bales per 40-ft box, nominal)
DOCUMENTATION	Load statement per dispatch: source stream, process, weighed output, bale count, container number	SAMPLES	On request, before any commercial commitment



LOOSE PROCESSED SPRING STEEL (RENDERED)



BALED FOR HANDLING AND EXPORT (RENDERED)

THE PROCESS

- Shred.** Twin-shaft shredders break the mattress down to steel, foam, fibre and fabric.
- Magnetic separation.** Three magnets pull the ferrous fraction from the shredded stream.
- Vibration and suction.** Vibrating decks and high-volume suction strip fabric and foam; dust extraction keeps the air clean.
- Electrostatic separation.** An electrostatic fibre separator removes the last light fibre.
- Check and bale.** Inspected, then loaded loose or pressed into bales. Every bale counted before dispatch.

WHAT WE DO NOT CLAIM

We do not currently provide independent laboratory testing, chemical composition analysis, moisture testing or certified bulk-density figures. Buyers are welcome to run their own assessment on a supplied sample.

CONTACT

Nigel Taylor
 Director of Brand & Growth
 Recycled
 A Recycle Group business
 0427 888 222
nigel@recycle.net.au
rdodeployme.github.io/global-steel