

— SUPPLY STATEMENT

DEMO EAF STEEL MILL: SUPPLY STATEMENT

Every dispatch from Recycled: what it was, what it weighed, where it came from and the recycled-content basis.

BUYER

Demo EAF Steel Mill

TYPE

Steel mill · electric arc furnace

DISPATCHES

35

SOURCE LOADS

121

METAL RECEIVED

721_t

weighed output of the processing line

RECYCLED CONTENT

100%

recovered scrap, no virgin metal

POST-CONSUMER

94%

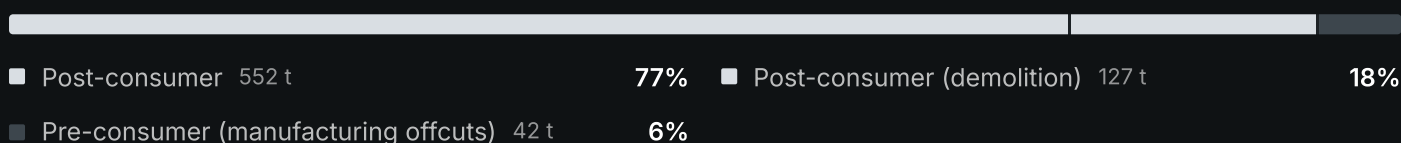
the rest is pre-consumer manufacturing offcuts

721 t of recovered metal is about the steel in **801** family cars (≈ 0.9 t of steel each), or **29** 40-ft containers of bales (≈ 25 t a box).

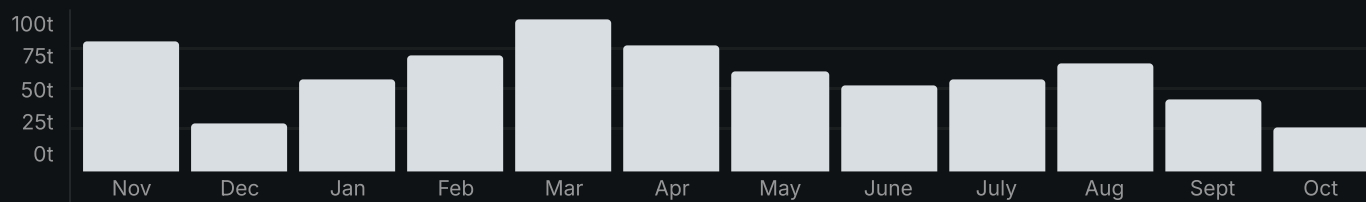
BY PRODUCT 721 t

PRODUCT	FROM	LOADS	RECEIVED	SHARE
Processed spring steel (loose or baled)	Mattress spring steel	49	446 t	62%
Processed ferrous scrap	Ferrous scrap	46	202 t	28%
Sorted metals by type	Mixed metals	26	73 t	10%
Total		121	721 t	100%

ORIGIN OF THE METAL 721 t



RECEIVED OVER TIME tonnes



RECYCLED-CONTENT BASIS

- **Recycled content: 100%.** Everything dispatched is recovered scrap. No virgin metal is added at any stage.
- **Origin:** recovered and processed by Recycled in Victoria. Australian material, Australian processing.
- **Class:** post-consumer (mattresses, demolition, council and fit-out material) or pre-consumer (manufacturing offcuts), shown per dispatch and per line.
- **Weights:** every figure is the weighed output of the processing line. Lines marked * use the usual recovery rate for that metal because the output was not separately weighed.
- **Carbon:** scrap-based EAF steel averages 0.70 t CO₂ per tonne of crude steel against 2.32 t for blast-furnace steel (World Steel Association, 2023 data). The mill's own EPD governs its product; Recycled documents the scrap side.
- **What is not claimed:** the CO₂-e avoided by recycling this metal is reported to the partner who supplied it. Buyers see it for information, not as a credit.

DISPATCHES 35 in this period

DATE	CONSIGNMENT	PRODUCT	LOADS	OUT (T)	BALES	CONTAINER / VEHICLE
6 Nov 25	DS-2511-111	Processed spring steel, Processed ferrous scrap, Sorted metals by type	4	21.92	35	B-double
14 Nov 25	DS-2511-112	Processed spring steel, Processed ferrous scrap	3	26.27	48	B-double
24 Nov 25	DS-2511-113	Processed ferrous scrap, Sorted metals by type	5	19.87	24	B-double
28 Nov 25	DS-2511-114	Processed spring steel, Sorted metals by type	2	12.87	17	Semi-trailer
12 Dec 25	DS-2512-115	Processed spring steel, Processed ferrous scrap	4	27.01	48	B-double
15 Dec 25	DS-2512-116	Sorted metals by type	1	1.77	n/a	Semi-trailer
1 Jan 26	DS-2601-117	Processed ferrous scrap, Processed spring steel, Sorted metals by type	4	22.45	37	B-double
14 Jan 26	DS-2601-118	Processed spring steel	3	27.20	50	B-double
20 Jan 26	DS-2601-119	Sorted metals by type, Processed ferrous scrap	2	6.54	6	Semi-trailer
3 Feb 26	DS-2602-120	Processed spring steel, Processed ferrous scrap, Sorted metals by type	5	25.58	40	B-double

DISPATCHES (CONTINUED)

DATE	CONSIGNMENT	PRODUCT	LOADS	OUT (T)	BALES	CONTAINER / VEHICLE
13 Feb 26	DS-2602-121	Sorted metals by type, Processed spring steel	4	27.16	38	B-double
24 Feb 26	DS-2602-122	Processed spring steel	2	19.31	35	B-double
4 Mar 26	DS-2603-123	Processed spring steel, Sorted metals by type	3	19.26	21	B-double
13 Mar 26	DS-2603-124	Processed ferrous scrap, Processed spring steel	4	27.17	49	B-double
18 Mar 26	DS-2603-125	Processed ferrous scrap, Processed spring steel	3	21.82	38	B-double
26 Mar 26	DS-2603-126	Processed spring steel	3	26.04	47	B-double
2 Apr 26	DS-2604-127	Processed ferrous scrap, Processed spring steel, Sorted metals by type	5	19.22	25	B-double
10 Apr 26	DS-2604-128	Processed ferrous scrap	3	21.85	37	B-double
21 Apr 26	DS-2604-129	Processed spring steel, Sorted metals by type	3	15.02	18	B-double
27 Apr 26	DS-2604-130	Processed ferrous scrap, Processed spring steel	4	22.00	37	B-double
11 May 26	DS-2605-131	Processed spring steel, Sorted metals by type, Processed ferrous scrap	4	21.66	35	B-double

DISPATCHES (CONTINUED)

DATE	CONSIGNMENT	PRODUCT	LOADS	OUT (T)	BALES	CONTAINER / VEHICLE
21 May 26	DS-2605-132	Processed spring steel	2	18.40	34	B-double
26 May 26	DS-2605-133	Processed spring steel, Sorted metals by type	3	22.07	38	B-double
5 June 26	DS-2606-134	Processed spring steel, Processed ferrous scrap	5	26.95	45	B-double
16 June 26	DS-2606-135	Processed ferrous scrap, Sorted metals by type	4	8.99	13	Semi-trailer
23 June 26	DS-2606-136	Sorted metals by type, Processed ferrous scrap, Processed spring steel	3	17.02	26	B-double
1 July 26	DS-2607-137	Processed ferrous scrap, Processed spring steel	2	14.08	25	B-double
20 July 26	DS-2607-138	Processed spring steel, Processed ferrous scrap	3	16.19	29	B-double
27 July 26	DS-2607-139	Processed ferrous scrap, Processed spring steel	5	26.97	49	B-double
11 Aug 26	DS-2608-140	Processed ferrous scrap, Processed spring steel	4	21.74	37	B-double
20 Aug 26	DS-2608-141	Processed spring steel, Processed ferrous scrap, Sorted metals by type	4	24.26	30	B-double

DISPATCHES (CONTINUED)

DATE	CONSIGNMENT	PRODUCT	LOADS	OUT (T)	BALES	CONTAINER / VEHICLE
26 Aug 26	DS-2608-142	Sorted metals by type, Processed ferrous scrap, Processed spring steel	4	20.83	23	B-double
3 Sept 26	DS-2609-143	Processed spring steel, Sorted metals by type	3	24.31	37	B-double
22 Sept 26	DS-2609-144	Processed spring steel, Processed ferrous scrap	3	20.48	36	B-double
5 Oct 26	DS-2610-145	Sorted metals by type, Processed spring steel, Processed ferrous scrap	5	26.79	42	B-double

HOW THESE FIGURES ARE WORKED OUT

- 1. Weighed in.** Every load crosses our weighbridge; the docket weight is the figure used.
- 2. Turned into.** The load is processed on the line for its metal. The product it becomes is recorded against the load.
- 3. Recovered.** The saleable metal weighed out. Where an output weight was not recorded, Recycled's usual recovery rate for that metal is used and the load is marked as an estimate.
- 4. Saving.** Tonnes recovered × the published recycling credit for that metal: the carbon avoided by not making the same metal new from ore, net of collection and reprocessing (steel 1.5 t CO₂/t, worldsteel; copper 5.2, aluminium 7.9 and mixed metals 4.8 t CO₂-e/t, US EPA WARM). Metal in landfill does not break down, so no landfill methane is claimed.
- 5. Trees.** CO₂-e avoided ÷ 0.060 t, what one tree seedling absorbs over ten years (US EPA).
- 6.** Factors marked as stand-ins (brass, stainless) and usual recovery rates should be read as estimates.