

Ahrend Engage

Train bench width 140 cm, height 88 cm and plinth

This product is designed following our circular design strategy derived from the Dutch NPR8313-2 guideline for Circular offices and learning environments. Our circular design strategy focuses on maximizing value of product lifecycles and minimizing raw material extraction.

Lifetime extension, reuse and recycling

We are committed to keep the environmental footprint of our products as low as possible. With our Circular Hub we make sure that products keep in the cycle for as long as possible. Together we will take care of a sustainable solution.

- › Lifetime extension by repair, maintenance or refurbishment
- › Take back for reuse
- › Reuse parts and/or materials
- › Recycling

Circular design

- › Product is designed for easy (dis)assembly with standardised tools
- › Product (dis)assembly manual available
- › Modular interchangeable components



64,5 kg
Weight

14,37%
Recycled content*

100%
Recyclability**

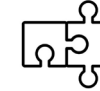
* Total percentage recycled content in product based on suppliers' data and market availability. The source of recycled content is both post-industrial and post-consumer.

** The recyclability percentage is the maximum percentage of the product that is recyclable, based on the availability of recycling facilities in the specified region.

Materials	Weight (gr)	% of total	Resource
Wood (Pine Lumber)	32.193	49,89	Virgin non-renewable
Wood (MDF)	12.910	20,01	virgin non-renewable
Wood (chipboard) (50% PCR, 50% PIR)	5.840	9,05	recycled content
Wood (beech lumber)	3.946	6,12	Virgin non-renewable
Textile: Polyethylene textile (90% PCR, 10% PIR)	3.256	5,05	recycled content
Polyurethane foam	3.145	4,87	Virgin non-renewable
Steel low-alloyed	416	0,64	virgin non-renewable and recycled content
Iron	300	0,46	Virgin non-renewable
Polypropylene	121	0,19	Virgin non-renewable
Polyester	115	0,18	Virgin non-renewable
Rubber	20	0,03	Virgin non-renewable
Cardboard packaging	2.265	3,51	Virgin non-renewable
Total	64.527	100%	



Manufactured in
Poland



Production
location
Poland



Renewable energy
assembly location
0%

Materials

Material composition

Ahrend selects its materials following strict criteria when it comes to responsible sourcing, material safety, longevity and the entire lifecycle of a material. Before we choose a material, we first look at material safety of a material, following the cradle-to-cradle philosophy that materials first have to be safe, in order to be circular. We look at minimum impact of material input, by choosing re-used materials over new, virgin materials. We select materials that have a lifespan of more than one economic lifecycle so that the material can be re-used multiple economic lifecycles.

Material safety

No substances listed on the REACH Candidate list of Substances of Very High Concern (SVHC) have been intentionally added to the homogeneous material or are a known contaminant in the homogeneous material.

Material selection

- › All wood in this product is sourced from suppliers that are certified according to responsible deforestation free programs.
- › Fabrics that can be selected for this product have either an EU Ecolabel or OEKO-TEX® STANDARD 100

Procurement

When selecting our suppliers, we require our business partners to comply with the same ethical business behaviour with respect for labour-, human- and environmental rights. Ahrend maintains long-term relationships with many of its suppliers, some spanning several decades, which is a key advantage for the further development of products, technologies and materials.

Production and packaging

The packaging is made from 100% paper, including paper tape.

Want to learn more?
Contact your account manager or visit www.ahrend.com

