# **PRODUCT CARBON FOOTPRINT**



#### GWP

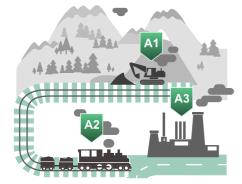
This quantifies a product's contribution towards global warming. This is referred to as carbon footprint, global warming potential and also embodied carbon.

# **STANDARDS**

These are ISO 14021 selfdeclared results, calculated according to ISO 14040 and ISO 14044 standards. The results follow ISO 21930/EN 15804+A2.

### SCOPE OF ASSESSMENT

The results have a cradle-togate scope, comprising raw materials extraction and supply (A1), transport (A2) and manufacturing (A3).



## SYSTEM BOUNDARY

# **CARBON FOOTPRINT**

Declared unit	1 tonne
Mass of declared unit (kg)	1000
GWP-fossil, A1-A3 (kg CO₂e)	1,954E2
GWP-total, A1-A3 (kg CO <sub>2</sub> e)	1,979E2

#### MANUFACTURER AND PRODUCT

ManufacturerŽeleziarne Podbrezová a. s.AddressKolkáreň 35, 976 81 Podbrezová, SlovakiaWebsitewww.steeltube.skProduct nameContinuously cast steel bloomsProduct referenceFroduct referencePlace of productionStrojárenská street 24, Valaská – Piesok, SlovakiaPeriod for data2020								
Websitewww.steeltube.skProduct nameContinuously cast steel bloomsProduct referenceFroduct referencePlace of productionStrojárenská street 24, Valaská – Piesok, Slovakia	Manufacturer	Železiarne Podbrezová a. s.						
Product name Continuously cast steel blooms   Product reference Place of production   Strojárenská street 24, Valaská – Piesok, Slovakia	Address	Kolkáreň 35, 976 81 Podbrezová, Slovakia						
Product reference   Place of production Strojárenská street 24, Valaská – Piesok, Slovakia	Website	www.steeltube.sk						
Place of production Strojárenská street 24, Valaská – Piesok, Slovakia	Product name	Continuously cast steel blooms						
Slovakia	Product reference							
Period for data 2020	Place of production	•						
	Period for data	2020						

# **PRODUCT DESCRIPTION**

Steel blooms and billets are the starting materials for production of seamless steel tubes. In addition to the production of tubes they can also be used to produce other metallurgical semi-finished products using hot forming (rolling, forging, pressing, etc.).

	STSTEM BOONDART																		
Product stage				Construction		Use stage							End of life stage				Beyond the system boundary		
	A1	A2	A3	A4	A5	B1	B2	В3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D
	Х	Х	Х					Modules not declared											
	Raw materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

Generated with One Click LCA. This is a self-declared carbon footprint report, not an Environmental Product Declaration (EPD). If you require EPDs, visit the world's fastest Building Life Cycle Assessment software - One Click LCA