

HSS

STRONG. EFFICIENT. SUSTAINABLE.

Hollow structural sections (HSS) deliver exceptional efficiencies due to their recyclability, strength, cost savings and reduced environmental footprint.

30%

**HIGHER AXIAL
LOAD CAPACITY**

Higher strength-to-weight ratios result in a smaller footprint and the opportunity to use less steel.



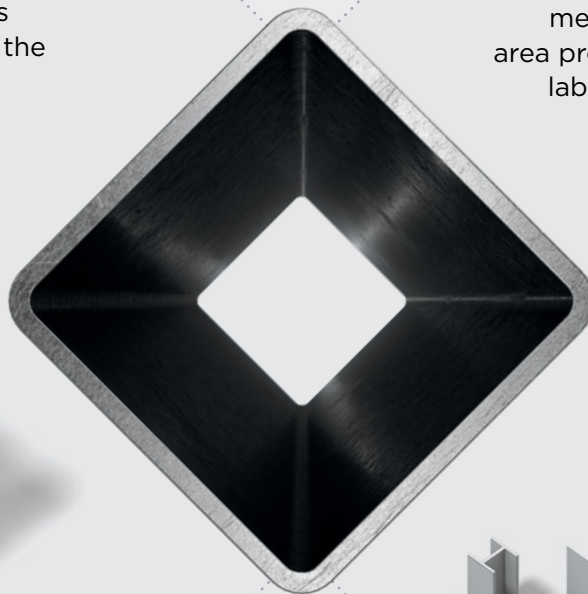
**LESS CONCRETE.
LESS CARBON.**

Lighter steel structures require less concrete support in the foundation, resulting in lower embodied carbon.

50%

LESS SURFACE AREA

Less surface area than wide-flange means that HSS require less surface area preparation, painting materials and labor, which reduces finishing costs.



HSS 10 x 10 x 3/4 have a surface area of 3.13 ft²/ft.



W14x90 has a surface area of 7.02 ft²/ft.

70%

RECYCLED STEEL

Approximately 70% of HSS in North America are produced using electric arc furnace (EAF) steel coils. EAF steel is made using electricity, thereby reducing greenhouse gas emissions. It's also made from roughly 70% recycled content, further reducing its environmental footprint.

THE MATERIAL MATTERS. THE MANUFACTURER MATTERS.

Atlas Tube and its parent company Zekelman Industries are continuously striving to make more sustainable manufacturing facilities, processes and products. For many reasons, domestic steel is among the cleanest in the world and purchasing domestic products can tremendously reduce our carbon footprint.

60%

FEWER GREENHOUSE GASES

The greenhouse gas emissions of hot-rolled structural steel sections produced in China are three times the emissions of equivalent sections produced in the United States.

6

NORTH AMERICAN FACTORIES

Shipping domestic products requires less travel than international products, which reduces emissions from transportation. We have mills and stocking partners across North America for reliable, on-time delivery.

0%

WASTEWATER

We're invested in reducing the environmental impact of our facilities. Our mills use a closed-loop cooling system that continuously recycles the coolant we use, resulting in zero wastewater.

UP TO 80% BIGGER

As the largest domestic HSS available on the market, Jumbo HSS allow you to make your biggest projects more structurally efficient than ever.

0%

WASTE

We offer custom lengths of our HSS, which means you're wasting less material and money on the job site.



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