

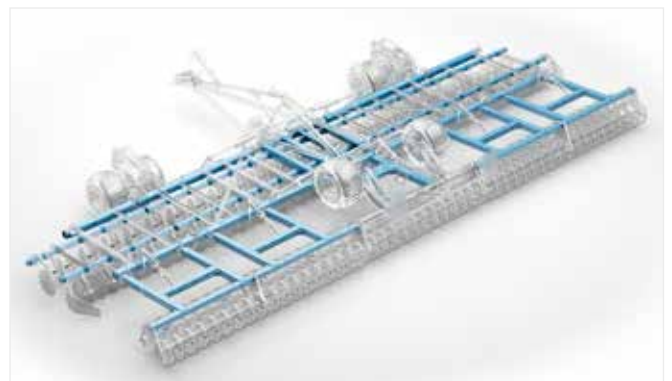
VTS®-edgeTubes

THE PRODUCTS OF CHOICE FOR AGRICULTURAL ENGINEERING

VTS®-edgeTubes are seamless, hot-rolled, square and rectangular hollow sections from voestalpine Tubulars, which are ideally suited for use in agricultural engineering due to their product properties. They complement the portfolio of our circular hollow sections perfectly.

FIELDS OF APPLICATIONS

- » **Self-propelled machines**, e.g.:
 - > machines for crop protection and forestry technology
 - > harvester
- » **Cultivation machinery**, e.g.:
 - > machines for soil cultivation, such as plows, disk harrows or grubber
 - > seeding machinery
- » **Tractors**, e.g.:
 - > Roll-Over-Protective-Structure (ROPS)



TECHNICAL DATA AT A GLANCE

Corner radius	$R_o \leq 1,6 \times T$ across the entire product range, tighter radius up to $\leq 1 \times T$ upon request (depending on dimension & wall thickness), specified radius and tolerances possible upon agreement		
Standards	DIN EN 10210-1, -2, -3, ASTM A501/A501M, CE-marking		
Dimensions	Square	40 x 40 mm to 170 x 170 mm	1 ½ x 1 ½ inch to 6 ⅝ x 6 ⅝ inch
	Rectangular	50 x 30 mm to 200 x 100 mm	2 x 2 ½ inch to 8 x 4 inch
Wall thickness	up to 25 mm (>25 mm upon request)		up to 1 inch (>1 inch upon request)
Lengths	5,000 mm to 14,000 mm		16 to 46 ft
Steel grades	S235 to S890 according to DIN EN or Grade A, B, C according to ASTM, VTS-500 and further tailor-made customer specifications upon request		

PRODUCT CHARACTERISTICS AND CUSTOMER BENEFITS

- » **Seamless, hot-rolled hollow sections with homogeneous structure also in the corner areas**
 - > great processing opportunities due to lower residual stress
 - > increased resistance against oscillation loads and vibrations
 - > long-lasting and sustainable
- » **Improved straightness, twisting and corner radius compared to the standard requirements**
 - > advantages by reduced deformation during direct and further processing
- » **Tighter corner radius guarantees:**
 - > a higher section modulus with increased safety for the end user
 - > higher load-bearing capacity, larger spans
 - > larger connecting area for connections to attachment parts and components
 - > increased efficiency for welding applications
- » **Higher and high-strength steel grades**
 - > for more resilience
 - > saving weight
 - > over the entire product range
 - > weldability tests possible
 - > VTS-500 as ideal solution for demanding agricultural products
 - > the ideal steel grade for each application
- » **Exceptional range of dimensions**
 - > wall thickness up to 25 mm for extreme loads
 - > dimension infinitely adjustable
- » **Optical advantages**
 - > no weld seam due to hot-rolling process
 - > excellent surface structure
 - > tighter corner radius

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FURTHER BENEFITS

- » **Sustainability** as part of the corporate philosophy
- » **One stop shop** – support from material to product selection and in-house material and product development to final product
- » **Flexibility** due to small production lots and short delivery times
- » **Tailor-made seamless VTS®-edgeTubes and innovative solutions** of highest quality – according to your special requirements!



Link: Brochure
Mission Future

Do you know our circular seamless pipe portfolio for agricultural engineering?



Link: Industrial Pipes

voestalpine

ONE STEP AHEAD.