A 17th-century Iron Cannonball Converted To A Counterweight



375 EUR

Period : 17th century

Condition : Très bon état

Material : Wrought iron

Width : 10 .m.

Height : 16 c.m.

Description

This beautiful original piece dates from the 17th century. The counterweight mechanism dates from the same period.Historically, cannonballs were used as counterweights for three main purposes: to operate siege engines,to serve as a gravitational mechanism for the "automatic" closing of gates, or to function as mechanical weights inindustrial or architectural systems.The manufacturing process of iron cannonballs involved using two-part spherical molds--made from wooden,metal, or, more recently, composite or 3D-printed models--that corresponded to the exact dimensions of the cannonball. Once cooled, theraw ball was removed from its sand mold. The cast iron residues, called "sprues" or "sprues" (the excess solidified metal in the pouring channel),were then removed using chisels or

Dealer

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grinders. In this case,the casting seam remains visible on the cannonball. Beautiful patina!Dimensions:Weight: approximately 3 kilograms