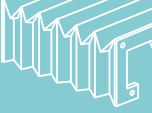


UNIQUE STEEL COVER The LIGHT protective cover consisting of stainless steel plates

- **UNIQUE STEEL COVER** with synchronisation system.
- **UNIQUE STEEL COVER** has a defined tensile stress.
- **UNIQUE STEEL COVER** transfers only minimal tractive forces to the machine axis.
- **UNIQUE STEEL COVER** is designed for frontal working positions.

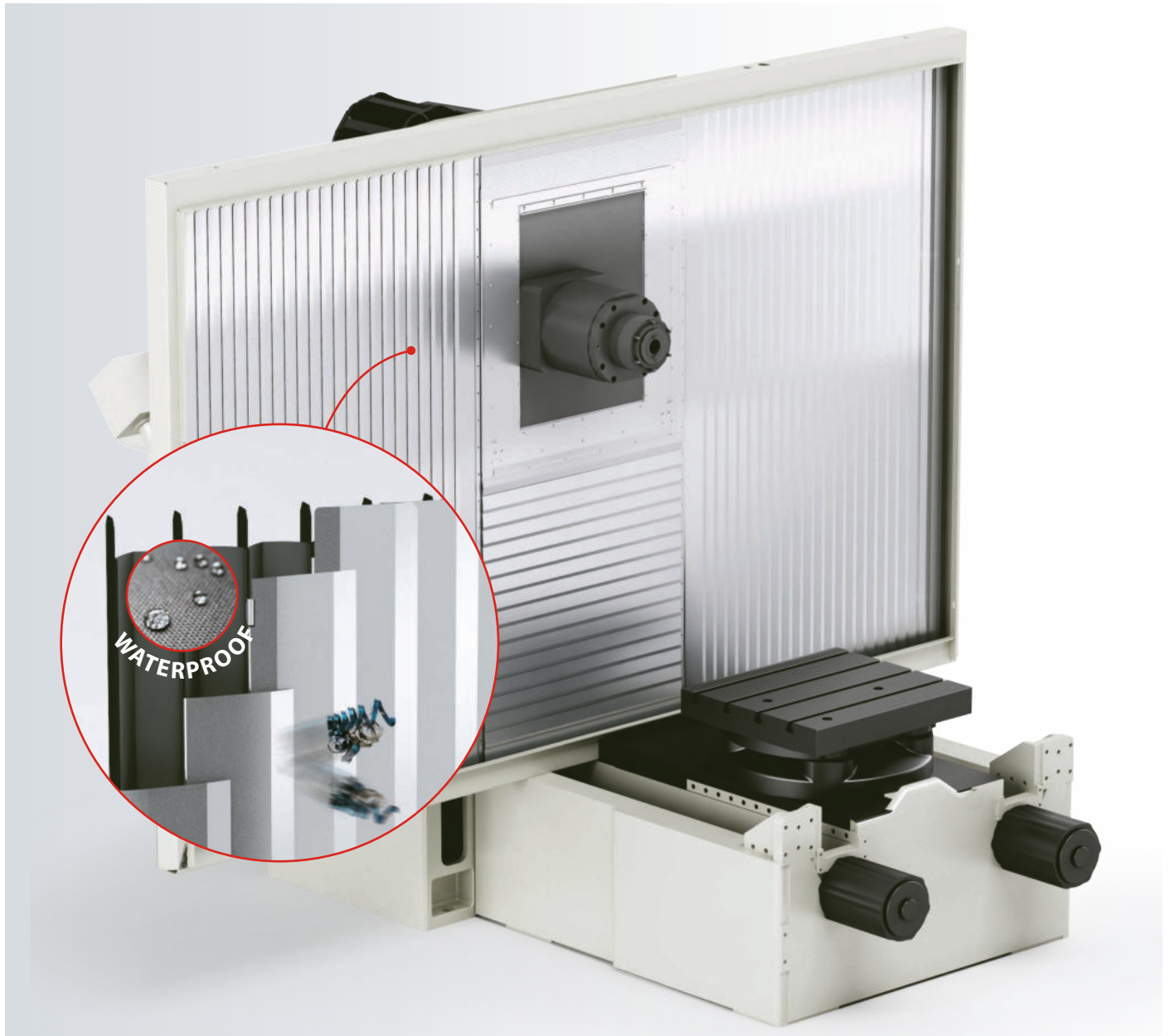


(Patent Pending)



X-Y SHIELD Thermic-welded Cover with Laminations

- **X-Y SHIELD** is a complete protection system for separating the working area from the motor compartment.
- **X-Y SHIELD** is composed of 4 thermic-welded bellows built into a supporting structure which allows the machine head to move freely. This solution is conceived to combine **ease of assembly, maintenance, cost effectiveness and sturdiness**.
- This system guarantees **double protection**, as the laminations shield the bellow from hot and sharp shavings while the bellow enfolds and defends the guideways from liquids and coolants.

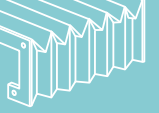


TECHNICAL SPECIFICATIONS

- ✓ **MAX SPEED:** 120 m/min.
- ✓ **MAX ACCELERATION:** 1g

EXAMPLE OF APPLICATION



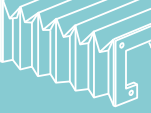


X-Y SHIELD Thermic-welded Cover with Laminations

SOME OF MANY AVAILABLE OPTIONS



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X-Y SHIELD Thermic-welded Cover with Laminations

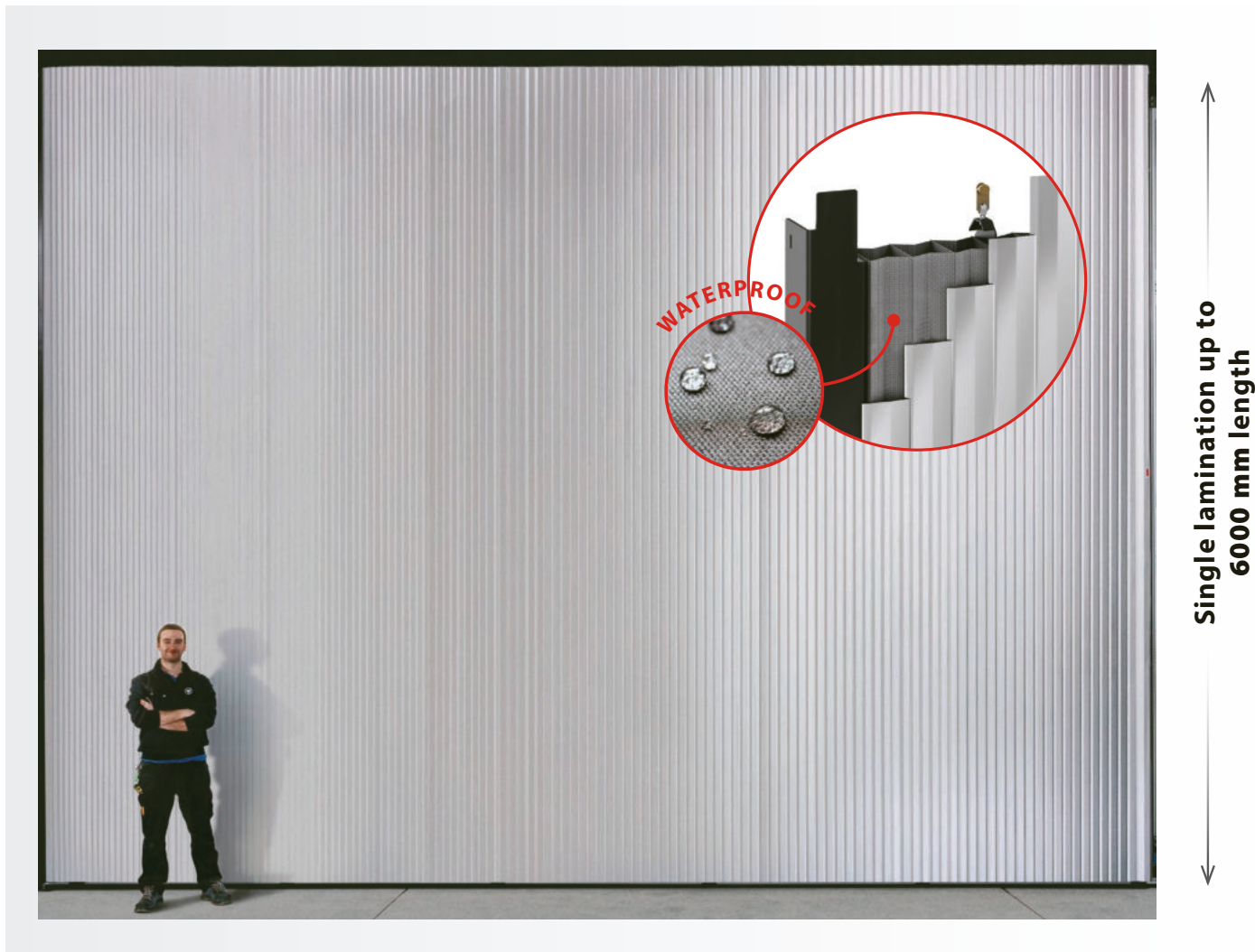


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GIANT SHIELD A gigantic protective wall

- **GIANT SHIELD**, a gigantic protective wall characterised by its dimensions beyond normal standards, which is suited for huge machine tools where large parts are machined.



- The 0,3 mm thick laminations represent the rigid part of the cover, a protective barrier against incandescent chips escaping during the machining of work pieces. **GIANT SHIELD** can be built up to a height of 6000 mm. The special properties of its laminations allow for a dynamic movement with elasticity, rigidity and ease. The bellow behind the laminations is thermally welded along its entire height and made of special fabric, all of which prevents the coolant from permeating. The steel laminations on their own would not have been able to guarantee such impermeability. **GIANT SHIELD** follows each transverse movement of the machine head.

