

HAWART

Mould Turning Solutions
Hinge 800 Low Turn
Hinge 800 High Turn

HAWART develops and manufactures high-precision mould hinge systems for the wind energy sector. Tailored to specific load and size requirements, our hinges ensure that rotor blade shells are positioned and bonded together with millimeter precision. HAWART offers high and low turning point hinge systems for all customer plant conditions.

The hydraulically driven hinge opens and closes the rotor blade production mould, performs a 180° rotation with one half of the mould and is then lowered in parallel for the final centimeters by the lifting and lowering system. A secure clamping system keeps the mould shells in place throughout the bonding process.



KEY FACTS:



High Torque Load Capacity



Robust Construction



Safe Handling



European Machinery Directive Compliant



Sole Supplier with a High and Low Turning Hinge Solution

TECHNICAL DATA

HINGE 800 LOW TURN

HINGE 800 HIGH TURN

Nominal Torque	800 kNm each	800 kNm each
Power Supply	Individual power pack and electric control box per hinge	Individual power pack and electric control box per hinge
Dead Weight	9.890 kg	7.400 kg
Dimensions: Height x Width x Length	2483 x 2460 x 6778 mm	3005 x 2200 x 1800 mm
Vertical Stroke	max. 490 mm	max. 150 mm
Your Benefits	<ul style="list-style-type: none"> • Turning height reduction by additional pivot point • Reuse option • Torque beam integrated • Designed for low height production bays • Flexible vertical stroke defined by separate unit 	<ul style="list-style-type: none"> • Less moving components • Easy access for maintenance • Reuse option • Extendable system • Reduced error potential through innovative locking system • Increased vertical stroke from 100mm to 150mm • Patent pending