



SUPER FULL TANK 500

Hydraulic swing gate operator

for heavy leaves up to **9 m** length



Stroke 500 mm

Shaft diameter 25 mm

Max. torque 2500 daN a 3300 daN

Hydraulic slowdown

Leaf length up to 9 m or max. weight 2000 Kg



Release system protected by metal lock with release key inside



Round joint for stroke adjustment



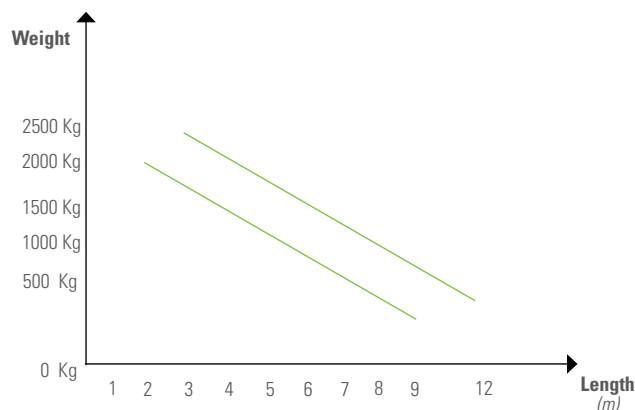
Front flange in solid aluminium



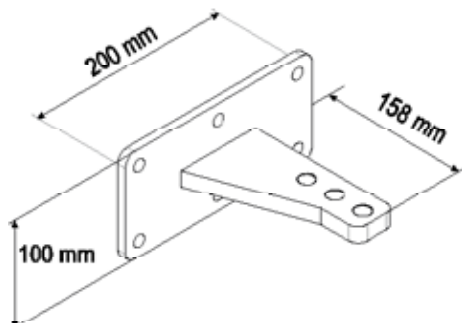
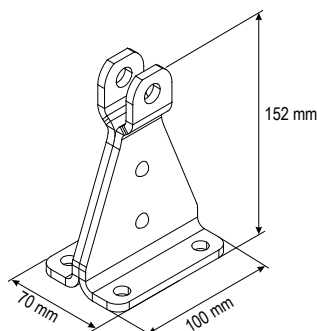
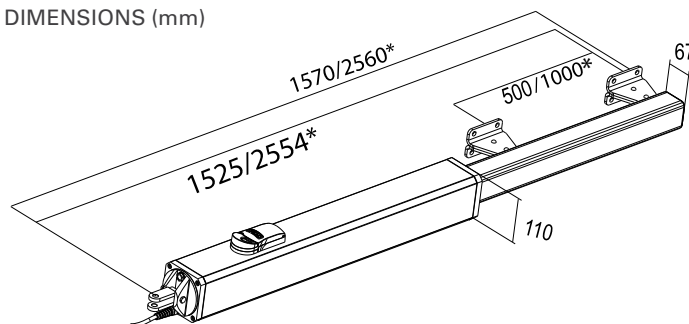
Rear flange in solid aluminium

- Oil lubrication of all mechanical components
- Anti crushing guaranteed through by-pass valves for max. thrust setting
- Piston stroke 500 mm - 25 mm rod diameter
- Standard aluminium oscillating back fixing fork
- Ideal for applications in windy sites, heavy duty gate and high security places
- Hydraulic distributor in solid machined aluminium
- Gear pump
- On request version with separated hydraulic unit

■ TECHNICAL DATA



DIMENSIONS (mm)



SPECIFICATIONS	SUPER FULL TANK
Power supply	230Vac±5% - 50/60Hz
Motor Power	500 W
Shaft Stroke	500 mm
Max Cycles/Hour	70
Working temperature	-20°C / + 60°C
Weight	18 Kg
Max leaf length	9 m
Opening degrees	90° - 125°
Shaft speed	1,2 / 2,0 cm/s
Protection class	IP55
Starting capacitor	16 µF
Max thrust	2500 / 3300 daN

■ ACCESSORIES



Adjustable rear bracket
to screw - 2 pieces



PROBE
Kit Probe to manage low temperature
+ LE unit + 1,8 m cable

■ ELECTRONIC CONTROL UNITS

■ UNIGATE 2I (INVERTER management)

- Bidirectional and Linear (Position Gate) Encoder management
- Standard limit switch management (LE card is NO longer required)
- Battery management for emergency function
- Power switching from 90Vac to 265V - 2Ah (1.3 Ah for accessories)
-> the additional Power Supply is no longer necessary
- 2 programmable inputs (GP1 and GP2)
- Programmable timer and integrated UPS
- Connection between Inverter module and module management with USB cable
- 2 programmable output relays (electric lock, traffic light, courtesy light ...) -> SUP device is no longer necessary!
- Verification and control of the accessories charge

 **UNIGATE - I**
INVERTER technology



Advantages:

- *More Cycles/Hour*
- *N.C. inputs protected by 8K2 resistance*
- *Amperometric management for inversion in case of obstacle*
- *Low temperature in intensive cycle*
- *High torque during slowing down*