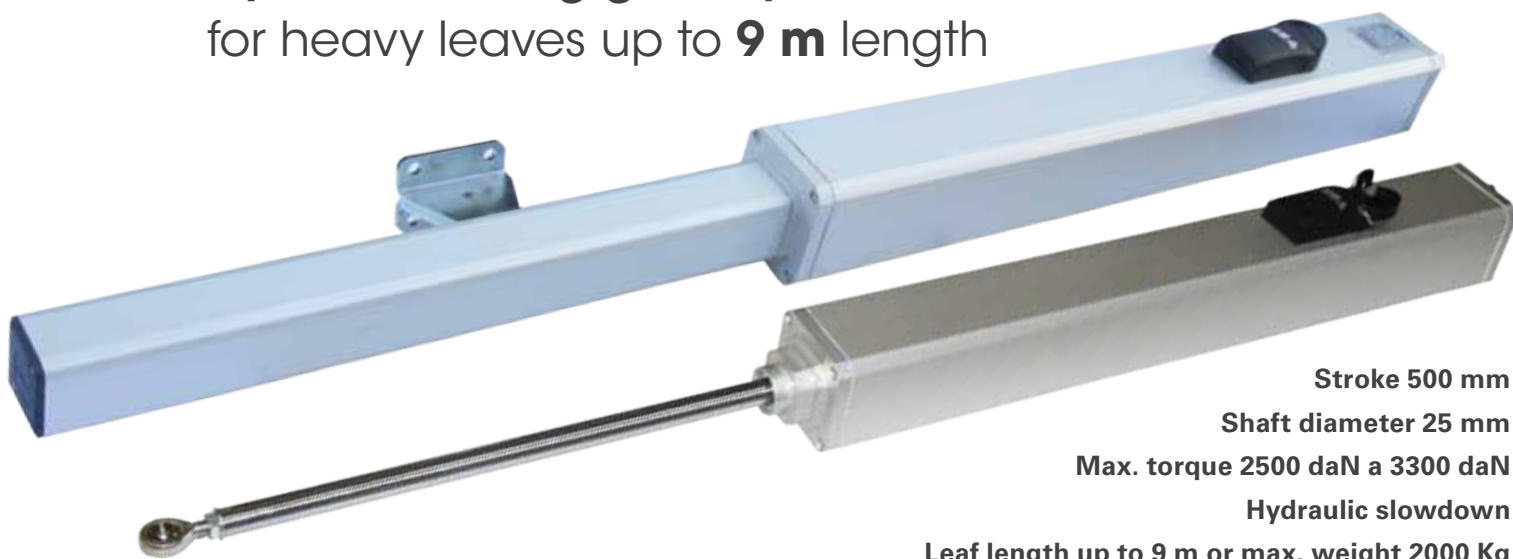




SUPER FULL TANK 500

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



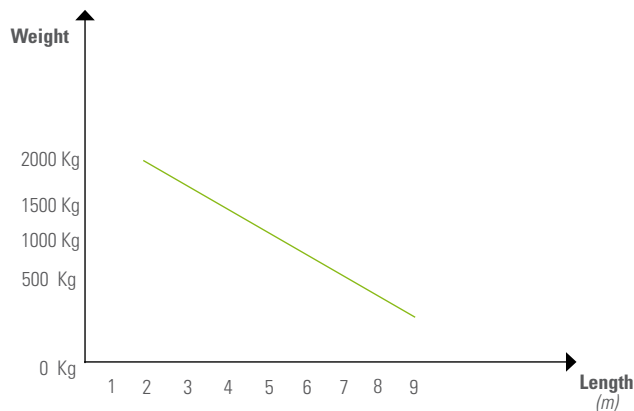
Front flange in solid aluminium



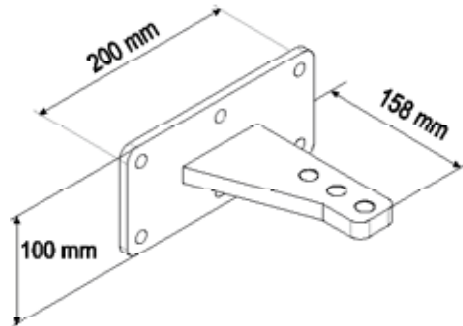
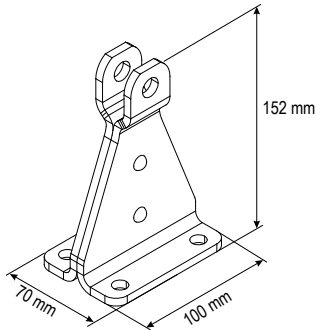
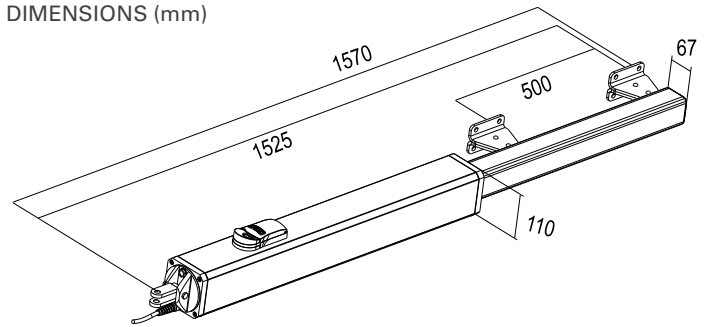
Rear flange in solid aluminium

- ▶ 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	310 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

TECHNICAL FEATURES	SUPER FULL TANK 500 G4	SUPER FULL TANK 500 G6	SUPER FULL TANK 500 SP *
Power supply	230V (±5%) 50/60 Hz		
Power	310 W		-
Absorbed current	1,6 A		-
Stroke	500 mm		
Shaft speed	2,4 cm/s	3,4 cm/s	2,4 cm/s
Cycles hour (20°C)	70		
Max working pressure	120 bar	90 bar	80 bar
Operating temperatures	-20°C  +60°C 		
Thermal protection	130°C		
Max Thrust	3300 daN	2500 daN	2200 daN
Capacitor	16µF		-
Weight	18 Kg		13 Kg
Protection class	IP55		
Max leaf lenght	9 m		8 m
Opening degree of the leaf	90° / 125°		

* In combination with the hydraulic unit Cod. 12001032

TECHNICAL FEATURES	SUPER FULL TANK 500 G6 380V	SUPER FULL TANK 500 G6 120V	SUPER FULL TANK 1000 G4 230V THREEPHASE
Power supply	400V (±5%) 50/60 Hz	120V (±5%) 50/60 Hz	230V THREEPHASE (±5%) 50/60 Hz
Power	500 W	540W	500 W
Absorbed current	1,5 A	5 A	2,6 A
Stroke	500 mm		1000 mm
Shaft speed	3,4 cm/s	3,6 cm/s	2,4 cm/s
Cycles hour (20°C)	70	40	70
Max working pressure	100 bar	70 bar	120 bar
Operating temperatures	-20°C  +60°C 		
Thermal protection	130°C		
Max Thrust	2800 daN	2000 daN	3300 daN
Capacitor	-	60 µF	-
Weight	18 Kg		31 Kg
Protection class	Ip55		
Max leaf lenght	9 m		12 m
Opening degree of the leaf	90° / 125°		

Note: The frequency of use is valid only for the first hour at 20°C room temperature

Note: in non-automatic logic, use operators without lock