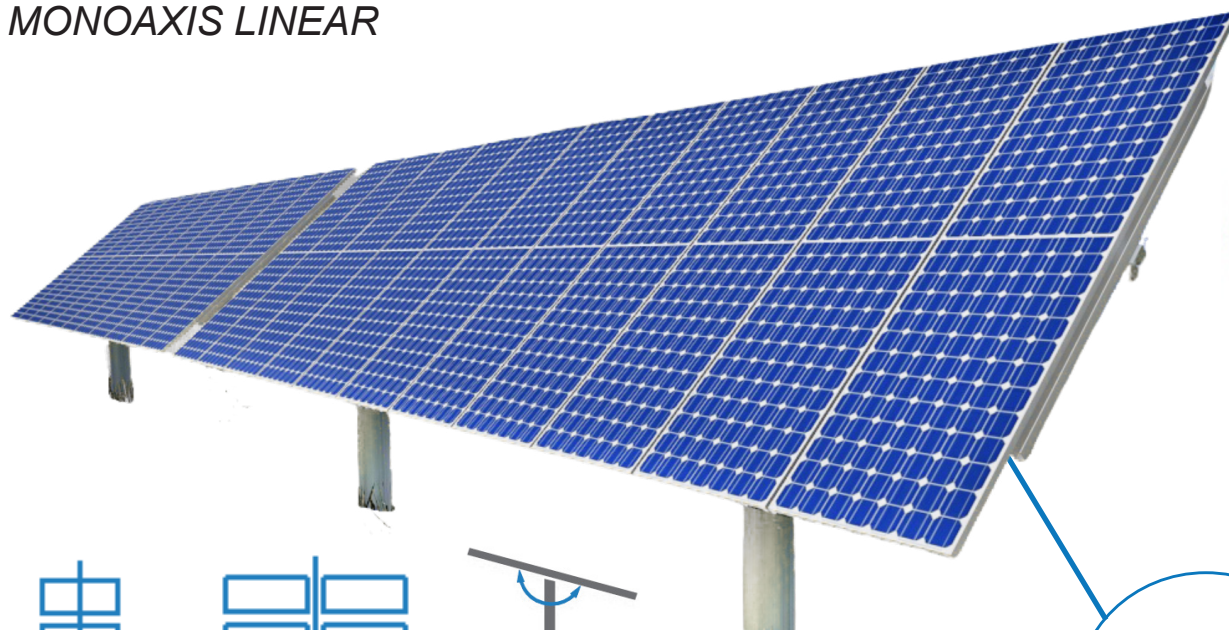


TRACKER PIATTO AD ASSE SINGOLO

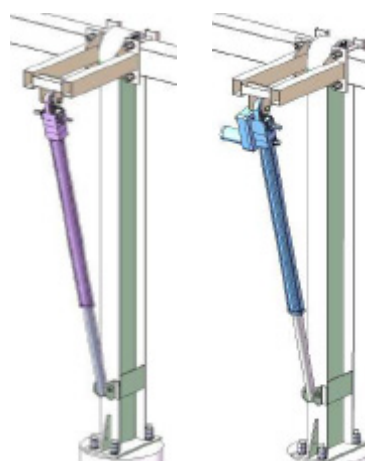
MONOAXIS LINEAR



1 modulo



2 moduli

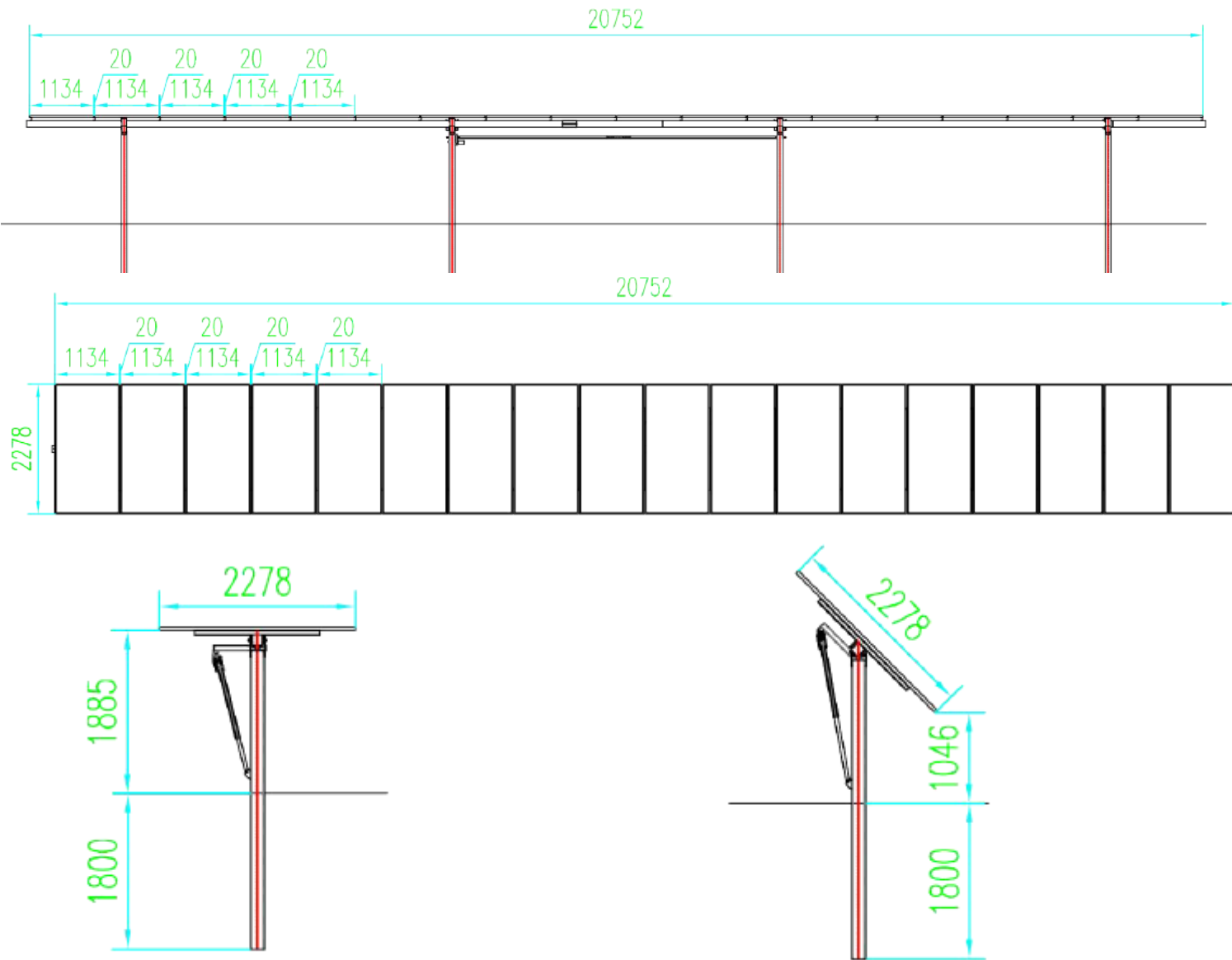


The linear tracker structure for photovoltaic modules uses hot-dip galvanized steel as the raw material for the main structure, making the system highly durable, high strength and stable. The STP single-axis flat solar tracking system has an axis that tracks the azimuth angle of the sun. Each set mounts 10 to 40 modules, with a production gain of 10-25% compared to fixed tilt systems on the same size array.

Technical Parameter

Installation	Ground
System	Independent drive
Control mode	Linear actuator
Engine	DC Brushless Gear motor
Bearing	UPE material
Material	Hot-dip galvanised steel $\geq 65 \mu\text{m}$ /SUPERDYMA
Tilt angle	to $\pm 45^\circ$
Backtracking	Yes
Max resistance to horizontal wind	40 m/s
Max wind resistance in operation	24 m/s
Tracking accuracy	$<2^\circ$ configurabile
IP Protection	IP65
Garanzia del sistema	3 anni
Temperatura di lavoro	- 40°C - + 80°C

TECHNICAL DRAW



COMPONENTI STRUTTURALI PRINCIPALI



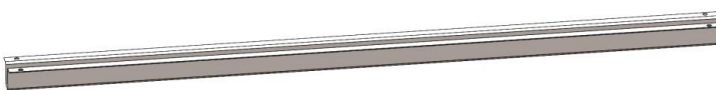
Driving vertical pole
H: 160 • 100 • 3 • 4 mm
Lunghezza: 3352 mm
HD galvanized steel



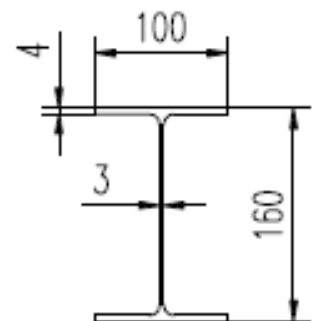
Supporting pole
H: 160 • 100 • 3 • 4 mm
Lunghezza: 3450 mm
HD galvanized steel



Center beam
120 • 120 • 2,3 • 4 mm
Lunghezza: in base al progetto
Superdyma



Purlin with subplate
60 • 32 • 80 • 1450 mm
Lunghezza: in base al progetto
Superdyma

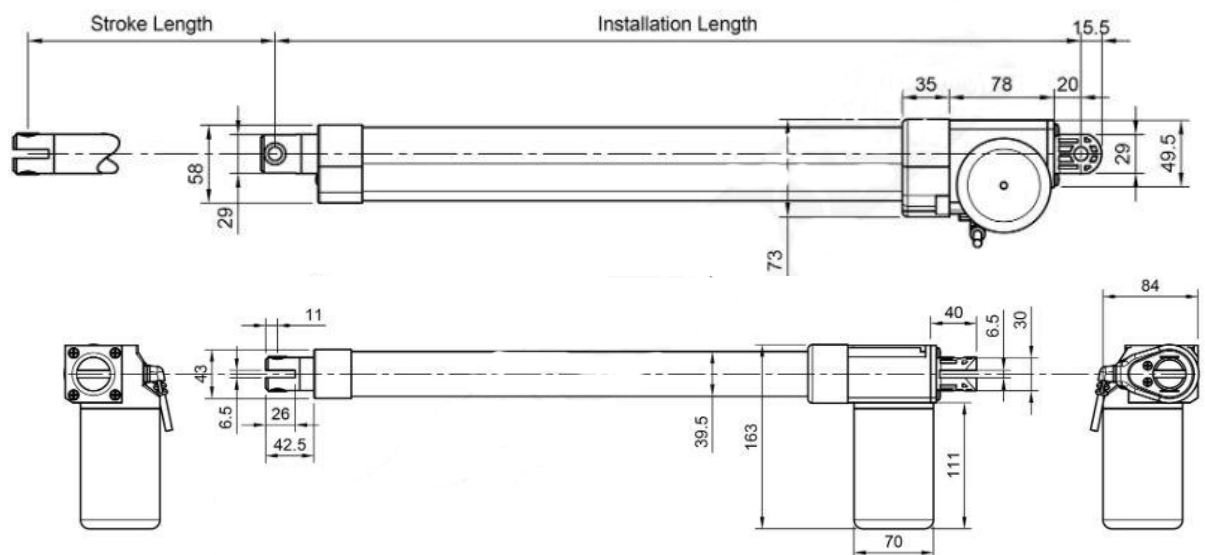


TRACKER ENGINE



General features

System Type	Independent Drive
Driving System	Linear actuator
Motor	DC brushless gear motor
Max. Wind speed in operation	24 m/s
Max. Wind speed in horizontal position	40 m/s
Material	Hot-dipped galvanized steel / superdyma
Operation temperature	-40°C ~ +80°C
Bearing	UPE material



Controller Features

Control model	Astronomical algorithm
Tracking range	$\pm 45^\circ$
Tracking accuracy	$\leq 2^\circ$ (configurable)
Back Tracking	Yes
Wind/Snow Protection	Yes
IP Protection	IP65

