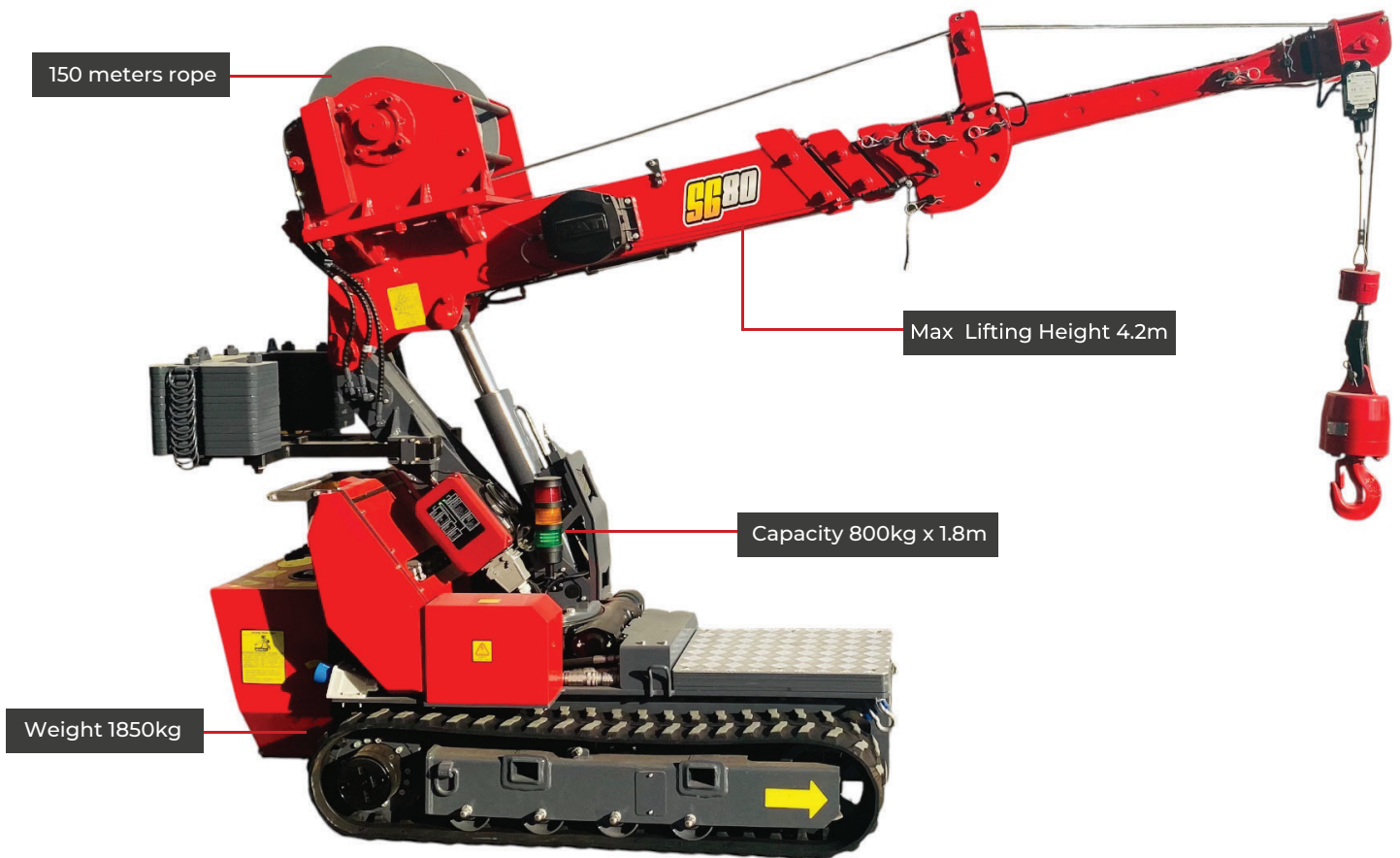


SG80

PICK AND CARRY CRANE

SPIDER PLUS



SG80 PICK AND CARRY CRANE

The SG80 Pick & Carry Crane lifts up to 800kg at 1.8m with a reach of 5.0m using fly jib. It offers lifting heights from 4.2m above ground to 145m underground with a 3-section boom. Powered by electric or Honda gasoline engine, it ensures safe and precise performance on site.

Key Features

- Max. Loading Capacity: 800 kg @ 1.8 m
- Working Radius: 3.0 m @ 400 kg
- Ground Lifting Height: 4.2 m @ 800 kg
- Hydraulic extendable tracks
- Wireless remote & manual controls for easy operation
- Hydraulic motor drive with 2-speed travel (0-1.2 km/h)

800kg

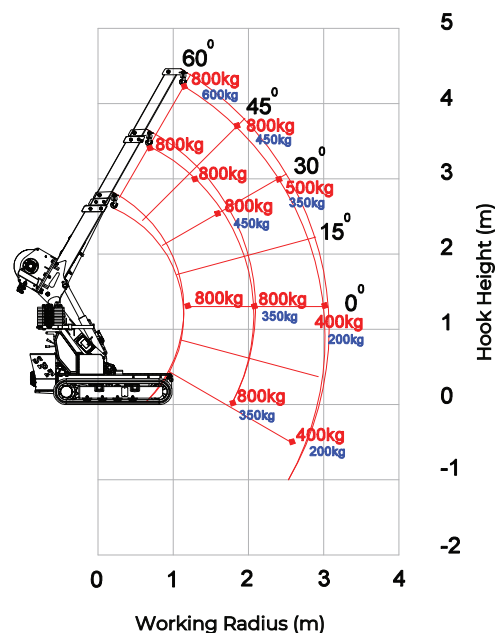
Safe Working Load

SPIDER PLUS

Crane Specifications

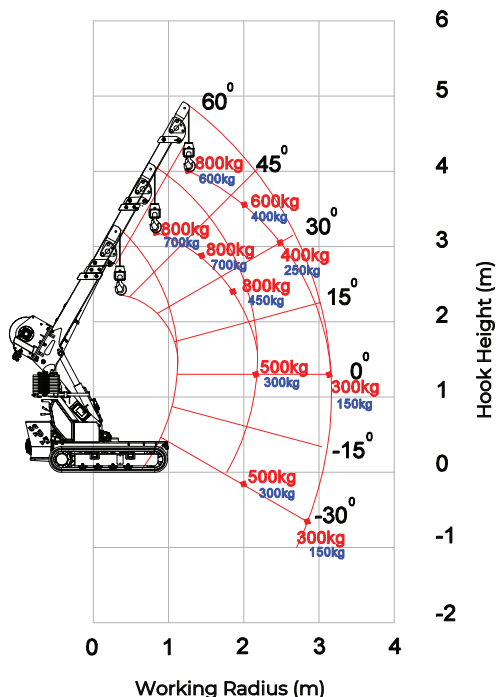
Max Capacity		800kgX1.8m
Working radius		3.0m x 400kg 4.2m x 200kg (Fly Jib)
Ground lifting height		4.2m x 800kg 5.0m x 500kg (Fly Jib)
Underground lifting height		145mX800kg (Optional 150 meter winch)
Winch device	Hook speed	0-15m/min
	Rope type	Ø10mm×150m
Telescopic system	Boom form	3 section boom, quadrilateral box construction
	Boom length/Time	1.65m-3.5m/15sec
Up and downs	Boom angle/Time	-30° - 60°/12sec
Slew system	Slew angle/Speed	-25° - 25°/16sec
Traction system	Walking way	Hydraulic motor drive
	Walking speed	0-1.2km/h
	Grade ability	15°
	Ground length×width	1225mm×200 mm
	Ground pressure	37kpa (0.377kgf/cm²)
Electric motor	Voltage	AC 200V-240V(single phase) / 50Hz
	Power/Speed	3kw/1440 min-1
	Sound level	Rated speed ≤75dB (A) (1m)
Gasoline engine	Model	25V000 (Briggs & Stratton)
	Type/Displacement	Single cylinder air cooling/0.408L
	Rated output	10kW/3600 min-1
	Starting method	Electric
	Operating temperature	-10° C~40° C
	Fuel/Volume	Gasoline/6L
	Battery capacity	12V 45AH
	Specific fuel consumption	0.3L/kW-h
	Sound Level	Rated speed ≤98dB (A) (7m)
Operate system	Applied regulation/Altitude	EU stage V/1200m
	Type of operation	Wireless remote control and manual operation
Dimension	Operating characteristic	Proportional control and composite action
	Length x Width x Height Min	1880(1580)mm×780mm×1700(1550)mm
Weight	Maximum state(Min. state)	1850kg (1450kg)

Main Boom with Searcher Hook



Maximum position of counterweight - **800 kg**
Minimum position of counterweight - **600 kg**

Main Boom With Single Fall Hook



Maximum position of counterweight - **800 kg**
Minimum position of counterweight - **600 kg**



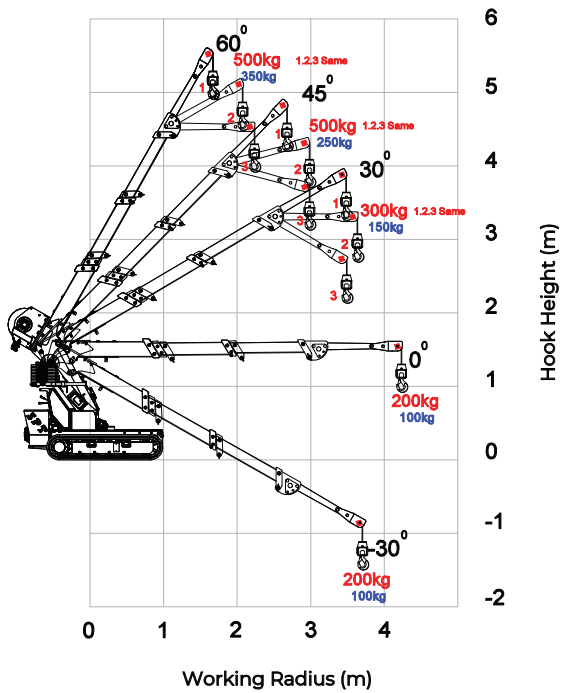
Standard radio remote control

800kg

Safe Working Load

SPIDER PLUS

Main Boom With Fly Jib Single Fall



Maximum position of counterweight - 500 kg
Minimum position of counterweight - 350 kg



Dimension (mm)

