

# SC

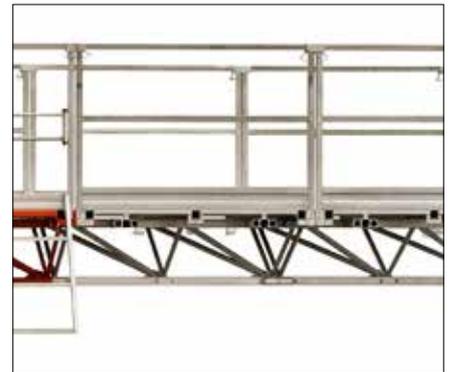
## Mast climbing work platform **Kosmos SC4000** Technical data

Kosmos SC4000 is a modular, mast climbing work platform designed for medium-duty and demanding use. Kosmos is available as a single and twin mast arrangement. The maximum platform length of a single mast unit is 13.75 m and 31.4 m as a twin mast. The maximum loading capacity of a single mast Kosmos is 2000 kg and of a twin mast 4200 kg.



# Kosmos SC4000

Platform	Single mast	Twin mast
Length, min-max	4.2-13.75 m	11.9-31.4 m
Width	1.68 m	1.68 m
Payload / length	2000 kg / 4.2 m 1700 kg / 7.4 m 1400 kg / 10.5 m 1200 kg / 12.5 m 900 kg / 13.75 m	4200 kg / 11.9 m 3250 kg / 19.9 m 2775 kg / 23.1 m 2515 kg / 26.3 m 2065 kg / 31.4 m
Speed	6.0 m / min	6.0 m / min
Loading height	1.55 m	1.55 m
Lifting frame	1244 kg	1244 kg x 2
Platform section 1.6 m	197 kg	197 kg
Platform section 1.0 m	123 kg	123 kg



Chassis	Wheel chassis	Mini chassis
Weight	1890 kg	434 kg
Transport dimensions	5130 x 1740 mm	1791 x 1591 mm
Chassis dimensions, outriggers in X position	5025 x 4765 mm	-
Chassis dimensions, outriggers in K position	6378 x 3135 mm	-
Speed	13 m / min	-



## Safety equipment



Safety brake

- Mechanical safety brake
- Emergency lowering system
- Safety railings 1.1 m with kick boards
- Top and bottom limit switches
- Top and bottom safety limit switches
- Spring-loaded disk brakes in lifting motors
- Inductive mast detector
- Residual current device



Emergency lowering system

## Mast



Mast section

Height of the mast section	1.25 m (0.63 m as option)
Length x width	700 x 700 mm
Weight	82 kg (1.25 m)
Material	Special steel
Surface treatment	Hot-dip galvanising
Structure	Square mast
Maximum distance between anchors	18 m
Maximum freestanding height	15 m

## Electric system



Control box

Lifting motors	2 x 2.2 kW
Supply voltage	400 V / 50 Hz
Power supply fuses	3 x 32 A
Power consumption	50 kVA
Maximum starting current	80 A
Control voltage	48 VAC
Socket for hand tools	2 x 230 V / 16 A



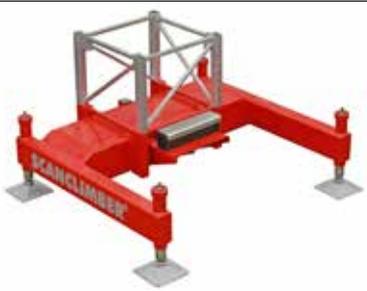
Remote control



Cable drum



Power inlet

Optional equipment		Code	Product	Code	Product
 <p>Wall anchor, standard</p>	PG100323	Mast section 1.25 m	PG109128	Wall anchor, standard	
	20000594	Mast section 0.63 m	PG100166	HD anchor	
	10005932	Mast bolt set	PT100484	Maxianchor	
 <p>HD anchor</p>	PG104905	Platform section 1.6 m with railings	PG108962	Adjustable anchor	
	PG104902	Platform section 1.0 m with railings	PG110995	Adjustable platform extension 1.4 m (w=1.6 m)	
	PG116778	Platform section 0.5 m with railings	PG110998	Adjustable platform extension 1.4 m (w=12.5 m)	
 <p>Maxianchor</p>	30000066	Platform section 0.4 m with railings	PG110974	Extension tube 1.4 m	
	PG118298	Mini chassis	30000061	Adjustable platform extension 2.0 m (w=1.6 m)	
	PG112520	Mast assembly lifting arm	PG118109	Wall chassis 2 m	
	PG115575	Lifting arm on top of the mast 6 m	PG109684	Twin mast synchro drive system	
	PG100490	Weather cover set 1.6 m			
 <p>Twin mast synchro drive system</p>					
 <p>Minichassis</p>					
				 <p>Platform section 1.6 m</p>	

Scanclimber is the world's technology leader in mast climbing equipment for both temporary and permanent installations. The company has its corporate head office in Pirkkala, Finland, and manufacturing in Gniezno, Poland. The company employs more than 200 people in Europe and Asia. Scanclimber creates value for its customers with high quality, reliable and flexible vertical access solutions.

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