



## "KENGURU PRO" LTD

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P-013

## Complex PARAKENGURU



The complex consists of fourteen vertical columns of different height, two crossbars 490 mm in length, three crossbars 1200 mm in length, a Swedish wall section, two climb-down bars 1932 mm in height, inclined parallel bars, multi-width parallel bars, multi-level parallel bars and a composite material bench. The height of the Swedish wall is 2073 mm, width - 1200 mm. The distance between the crossbars of the Swedish wall - 407 mm. The difference between the lowest and highest point of the multi-level parallel bars is 300 mm, inclined parallel bars - 466.3 mm. The structure is secured together with siluminium clamps. Weight - 454.70 kg

## Installation instructions:

- Choose a suitable underground for the unit (see page 2, table 2)!
- Prepare the construction pit with a drilling machine or other devices.
- Before pouring the concrete all structures elements must be leveled and fixed.
- Complex elements must be fixed and bolted together with metal clamps.
- Ready-made C25 concrete should be used.
- Crossbars installation height can be changed according to customer's wishes.
- Approximately 0,15m³ concrete is needed for each spot foundation.
- Under the structures we recommend to install absorbing rubber cover.

The size of the hole for the foundation is depending on the consistency of the ground. The dimensions mentioned above are applicable for normal conditions with firm ground. If the ground is extremely soft, a much bigger foundation is needed. Use only appropriate material and follow the installation instructions closely!!!

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Foundation plan and area of movement of the P-013 Complex PARAKENGURU				Technical information		
Foundation when using Shock absorbing		Beveling of foundation when using loose filling material		width:	2912 mm	
underground (syntethic – rubber				height:		
granulates)				lenght:		
Н3	Drop height	Н3	Drop height	largest part:	3350 mm	
40 mm	> 1.21.4 m	20 cm	< 1.0 m	weight:	454.70 kg	
50 mm	> 1.51.7 m	30 cm	< 2.0 m	floor space required	8862 x 5962 mm	
60 mm	> 1.82.0 m	40 cm	< 3.0 m	pipe measurements:	diameter:	wall thickness:
70 mm	> 2.12.5 m				108 mm	3.2 mm
					42.4 mm	3.2 mm
					33.7 mm	3.2 mm
		A		metal parts:	steel, galvanized, powder coated RAL 7016 (anthracite grey)	
				metal clamps:	siluminium, powder coated, RAL 5018 (turquise blue)	
a uniform a la collina a manufa	Ø108	surface leveling mark	Ø108	bolts for metal clamps	stainless steel, Pin Hex Button Head Security bolts M10	
shock absorbing underground		loose filling material		wood plastic composite beam measurements.	Height, width (mm)	Length (mm)
underground	일 (S	R200			100 x100	1500
		steel tube  concrete	9 500	WPC beams	Dark brown, brushed surface	
steel tube  concrete				max. free fall height:	< 2450 mm	possible underground see DIN 79000:2012-05 Tab.2 or installation instructions
<u> </u>	500			user height:	> 140 cm	
				maximum user weight:	130 kg	
				certificates:	TÜV Rheinland InterCert Kft.	