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Mast climbing work platform **Educa SC1000**

Scanclimber Educa SC1000 mast climbing work platform is designed for training and light lifting purposes. Though it is economic and lightweight, Scanclimber's Educa is robustly built and covers all functionalities and properties of the Scanclimber heavy-duty products. It has been examined and certified for training purposes.

The Educa training package includes a 7.1-meter-long SC1000 platform with 1 meter extensions. The mast is 10 meters high with 3 anchors and stands on a mini chassis. The package comes with clear instructions and it is easy to install.



SCANCLIMBER®

Educa SC1000

Properties

EDUCA SC1000 is a well-balanced, high quality mast climbing work platform which can be used for training purposes in training centres or for real work at construction sites. As a small but harmonised machine, it provides all the properties needed in training environments. It's an ideal machine for training but also for light facade work which requires a high level of mobility – all in one package. ISO 9001 certification for Scanclimber manufacturing ensures the quality of the product.

Easy Handling and Mobility

SINCE THE MAST CLIMBER can be dismantled into modules, it is easy to handle, erect and dismantle. Storing requires little space. A 1.5 meter mast section weighs 48 kg and a 1.5 meter platform module 83 kg. The material of the mast and the platform is hot-dip galvanised steel. The platform floor is made of ridged aluminium sheeting.

AS A MOBILE MACHINE, Educa SC1000 can improve productivity by one third at construction sites. Two people working on the platform can achieve the same results as four people working on traditional scaffoldings. An optional trailer chassis improves mobility even more.

Enough Capacity and Height

THE MAXIMUM LOADING CAPACITIES are 1300 kg for a single mast and 2000 kg for a twin mast SC1000. With a full 10 meter platform a single mast machine is able to lift 500 kg. Using a twin mast arrangement the platform can be extended up to 25 meters, the lifting capacity thus being 750 kg. The platform is lengthened with 0.8 m or 1.5 m modules. The platform lengths are from 4.1 meters to 10.1 meters with single mast and from 7.9 meters to 25 meters with twin mast configuration.

SWIVELLING TELESCOPIC OUTRIGGERS of the wheel chassis allow the chassis' support points to be spread far apart. This enables greater free-standing heights up to 6 meters. With a top anchoring the maximum mast height is 11.5 meters. When anchored with standard parts at constant intervals the mast can reach up to a height of 100 meters. If a special anchoring arrangement is used the mast can be even higher.

Safety first

SURROUNDING RAILINGS of Scanclimber mast climbing work platforms naturally increase safety at work. The platform is also equipped with fastening points for safety harnesses. These safety features effectively minimise injuries incurred by slipping or falling at work sites. All Scanclimber mast climbers are safety-approved worldwide. A strong safety brake provides an additional level of protection.

SCANCLIMBER HAVE BEEN SHIPPING mast climbing work platforms worldwide since 1990. SC1000 has been approved and certified for several markets for example by TÜV (Germany / Europe) and Work Cover (Australia nationwide). Educa meets the requirements of the Australian legislation in Occupational Health & Safety Act 2000 and Occupational Health & Safety Regulation 2001.

Training Package

Scanclimber has bundled up a special package for training purposes. The Educa SC1000 training package includes:

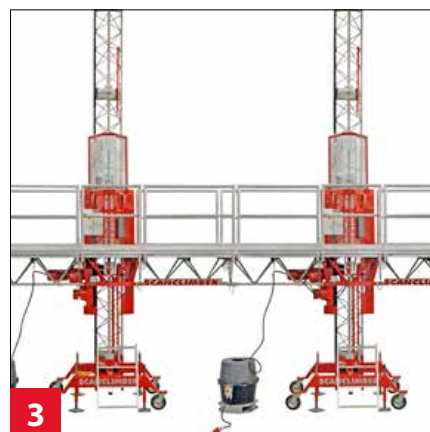
- 7.1 meter platform with 3 kW lifting motors and full safety system
- 1.0 meter platform extensions
- 10 meters mast
- 3 anchors
- mini chassis

Available options: trailer chassis, trainer's training and different types of anchoring.

Trainer's Training

Scanclimber has developed a special program for Educa SC1000 customers. Educa Trainer's Training is a 2-3 day theory and hands on training, which provides a trainer's skill certificate for Mast Climbing Work Platform erection, maintenance and handling.



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Details

Safety brake

1 A **MECHANICAL**, spring centrifugal safety brake is a standard safety feature in all Scandclimber mast climbing work platforms. It improves user safety, increases operational reliability and reduces the risk of breakdown. The highly durable safety brake is well protected from dust and dirt.

Anchor

2 **THE MAST** is mounted on a vertical surface with steel tube anchors which are adjustable in every direction to suit in different kinds of configurations. To make the high mast rigid, it is anchored at maximum intervals of 6 meters. The anchor parts are light weight and the setup is erected with standard tools.

Twin masts

3 A **TWIN MAST ARRANGEMENT** makes SC1000 even more versatile. In a twin mast configuration two Educa platforms are connected together thus allowing the platform length to be nearly tripled from 10.1 meters to 25 meter. Also the maximum loading capacity can be nearly doubled, if necessary from 1300 kg to 2000 kg.

Mini chassis

4 Small and light mini chassis is the standard base of SC1000 Educa. The mini chassis is equipped with jacks so the leveling of the mast base is easy and quick. The small wheels under the chassis help with the SC1000's placing and storage.

Trailer

5 AN **OPTIONAL** trailer chassis gives more mobility and stability for SC1000. The full SC1000 Educa can be collected into one package and towed on the trailer chassis by car. Also the trailer chassis can be equipped with a self-propelled hydraulic drive unit which allows the moving of the machine around a work site. The swiveling outriggers can be adjusted in several positions to support the mast climbing work platform. With optimal outrigger X position the free-standing height is 6 meters.

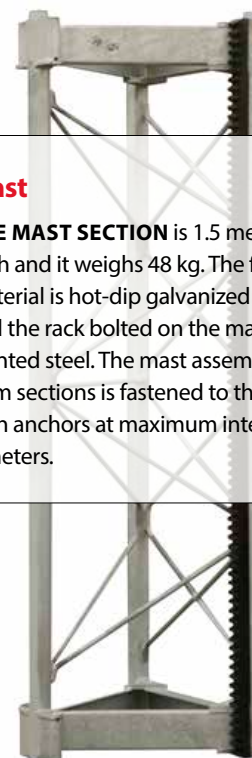
Extensions

6 With adjustable extensions the platform width can be extended by 1 meter. The extension tubes are installed into the pockets under the platform. The extension deck plate is cut from plywood

to suit the required shape. An access to corners, recess and other shapes on the wall is given safely and easily with the extensions.

Mast

THE MAST SECTION is 1.5 meter high and it weighs 48 kg. The frame material is hot-dip galvanized steel and the rack bolted on the mast is painted steel. The mast assembled from sections is fastened to the wall with anchors at maximum intervals of 6 meters.



Technical Data



	Single mast SC1000	Twin mast SC1000
Maximum platform length / loading capacity	4.1 m / 1300 kg 7.1 m / 800 kg 10.1 m / 500 kg	7.9 m / 2000 kg 16.8 m / 1400 kg 19.8 m / 1200 kg 25.0 m / 750 kg
Maximum freestanding height - on trailer chassis	6 m	6 m
Maximum height with top anchor	11.5 m	11.5 m
Maximum height with mast anchored	100 m (higher mast by request)	100 m (higher mast by request)
Distance between anchors	6 m	6 m
Maximum telescopic extensions	1.0 m	1.0 m
Lifting speed	6.0 m / min	6.0 m / min
Mast section, hot-dip galvanised	1.5 m / 48 kg	1.5 m / 48 kg
Electric system - lifting motors	400 V/50 Hz/3 kW, 3 phase/32 A	2x400 V/50 Hz/3 kW, 3 phase/32 A
Safety devices - overspeed safety brake - emergency stop and limit switches - electromagnetic brake - phase sequence relay - residual current device	◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆
Transport weight - Maximum (on trailer with 10.1 m platform) - Minimum (on trailer with 4.1 m platform)	1800 kg 1000 kg	



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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