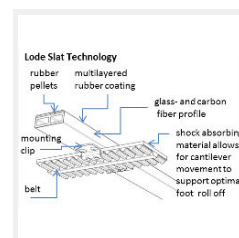


# Katana sport XL

XL sports treadmill with unique Slat Technology



## Highlights

### XL Design

The running surface of this treadmill is larger in order to provide more space when running at high speeds

### Unique Walking Experience

The slat-belt technology provides a unique walking experience which approaches the feeling of running on a track

### Standard max speed of 30 km/h

The standard maximum speed of the treadmill is 30 km/h

### Shock absorbing design

The design guarantees shock absorption with preservation of the natural walking feeling.

### Smooth acceleration

All treadmills have a smooth acceleration from 0 km/h to the start speed.



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The Katana sport XL is an extended version of the Katana Treadmill: a modern and reliable treadmill that can be connected to external ECG- and pulmonary devices as well as to a Lode software network (LEM or LCRM). The Katana sport XL offers smooth acceleration and is continuously adjustable in a range of 0,5 – 30 km/h. With a walking surface of 220 x 70 cm this treadmill is the solution for use in sport medical settings. The treadmill is equipped with a 7" control unit with touchscreen, fixed side handrails and 0 - 25% elevation. The treadmill is executed with a special Lode Slat Technology with 106 soft grip covered slats that allows for high speed and a natural walking and running experience. Its unique bearing technology delivers high speeds at low noise levels while needing low maintenance. The function of this product can be enhanced by using it in combination with our Lode Ergometry Manager software. 934930: 400 V - 3 phases 934931: 200 V - 3 phases

A USB A-B cable for service purposes as well as connecting to ECG and pulmonary testing devices will be standard delivered with the product. To connect older ECG and pulmonary testing devices with RS232 or other connectors you need a special interface cable that can be ordered separately. To connect LEM or LCRM you need a special interface cable that can be ordered under part number 930930.

## Features



### Standard Safety Lanyard

The product comes with a standard safety lanyard to enable automatic emergency stop



### LEM compatible

This product can be used with Lode Ergometry Manager (LEM) software to manage data and to apply specific protocols when a Communication card is present



### Service friendly slat treadmill

Lode slat treadmills are almost maintenance free. Because of the unique slat technology no bearing-greasing is required. The only annual maintenance that has to be done is checking the running and electrical parts and the velocity calibration of the treadmill.

Low Noise  
Cooling

### Fully software controlled electronic fans

The electronic fans in the motor compartment are fully software controlled for low noise at low belt speeds and independent forced air cooling of the motor for maximum power output at high belt speeds.

High  
Torque  
Winding

### Application specific motor design

Specific motor winding, enabling high current throughput over full motor frequency range, resulting in high torque at low belt speeds and maximum power at high belt speeds.



### Application specific motor control

State-of-the-art variable frequency drive for efficient and precise motor control over full motor frequency range.



### Closed loop motor control

This way of motor control enables

- Full brake at zero speed.
- Rigid speed control at all speeds, typically at interest when using steep angles, low speeds and/or high Test Subject weight.
- Load independent speed
- Angle independent speed



### 10 years service

This product can be serviced for 10 years after phase-out



### Downhill walking as an option (-25%)











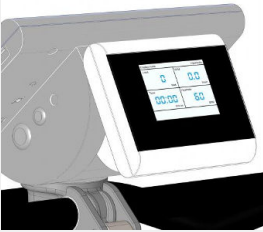




This treadmill can be executed with 25% negative elevation. This allows for downhill walking which is extremely useful for rehabilitation of certain injuries.

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Katana sport XL can a.o be extended with the following options:



<p>USB to Serial converter</p> <p>Easy connection</p>  <p>Partnumber: 226012</p>	<p>Rear Elevation -25% electrical Katana sport</p> <p>Possibility of downhill walking</p>  <p>Partnumber: 934808</p>	<p>Emergency Stop Button</p> <p>Ultimate safety</p>  <p>Partnumber: 945804</p>	<p>Safety Belt and Fall stop for Katana sport</p> <p>Extra safety</p>  <p>Partnumber: 934821</p>	<p>Extension for emergency lanyard</p> <p>Original Accessory</p>  <p>Partnumber: 945931</p>
<p>Speed 40 km/h</p> <p>Extra high speed</p>  <p>Partnumber: 934840</p>	<p>Reverse walking for Katana</p> <p>walking backwards</p>  <p>Partnumber: 934842</p>	<p>Autospeed</p> <p>Flexibility in exercising</p>  <p>Partnumber: 945840</p>	<p>SpO2 for control unit with touch panel (extra long cable)</p> <p>Oxygen saturation</p>  <p>Partnumber: 945822</p>	<p>Table foot for Control Unit with Touchscreen</p> <p>Control from any desired place</p>  <p>Partnumber: 945818</p>
<p>Colour Display 3.5" - 2nd screen</p> <p>Multifunctionality</p>  <p>Partnumber: 945819</p>	<p>Ambient sensor pack</p> <p>Check environmental conditions during test</p>  <p>Partnumber: 945826</p>	<p>RS232 cable</p> <p>Easy connection</p>  <p>Partnumber: 930911</p>	<p>Network module connection cable</p> <p>Easy connection</p>  <p>Partnumber: 930930</p>	<p>SpO2 for control unit with touch panel - ordered afterwards</p> <p>Ordered afterwards</p>  <p>Partnumber: P945822</p>

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## Specifications

### Workload

Maximum speed	30 km/h	18.6 mph
Minimum operational speed	0.1 km/h	0.1 mph
Speed adjustment steps	0.1 km/h	0.1 mph
Positive elevation	25 %	
Elevation adjustment steps	0.5 %	
Optional negative elevation	-25 %	

### Accuracy

Elevation readout accuracy	0.3 %	
Speed readout accuracy	0.5 km/h	0.3 mph

### Comfort

Allowed user weight	225 kg	496 lbs
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### User Interface

English user interface	✓
Chinese user interface	✓
Croatian user interface	✓
Czech user interface	✓
Danish user interface	✓
Dutch user interface	✓
Finnish user interface	✓
French user interface	✓
German user interface	✓
Greek user interface	✓
Hungarian user interface	✓
Italian user interface	✓
Japanese user interface	✓
Korean user interface	✓
Latvian user interface	✓
Lithuanian user interface	✓
Norwegian user interface	✓
Polish user interface	✓
Portugese user interface	✓
Romanian user interface	✓
Russian user interface	✓
Spanish user interface	✓
Swedish user interface	✓
Turkish user interface	✓
Ukrainian user interface	✓

### Connectivity

Lode ERM interface protocol	✓
"HP Cosmos" interface protocol	✓
"Woodway" interface protocol	✓
"Trackmaster" interface protocol	✓
"GE" interface protocol	✓
USB connector	✓

### Dimensions

Screen resolution	800 x 400 pixels
Walking surface length	220 cm 86.6 inch
Walking surface width	70 cm 27.6 inch
Step up height	29 cm 11.4 inch
Product length (cm)	280 cm 110.2 inch
Product width (cm)	106 cm 41.7 inch
Product height	145 cm 57.1 inch
Product weight	380 kg 837.8 lbs

### Power requirements

Power cord 3L+N+PE	✓
Power cord NEMA	✗
Maximum rated power input	5000 VA
3 x 400 V	✓
Maximum motor power	3.1 kW

### Standards & Safety

IEC 60601-1:2005	✓
ISO 13485:2016 compliant	✓
ISO 9001:2015 compliant	✓
Standard emergency lanyard	✓
Step up plate emergency stop	✓

### Certification

CE class Im according to MDD93/42/EEC	✓
CE class of product with optional SpO2	Ila
CE class of product with optional BPM	Ila
CB according to IECCE CB	✓

### Order info

Partnumber: 934930

\*Specifications are subject to change without notice.