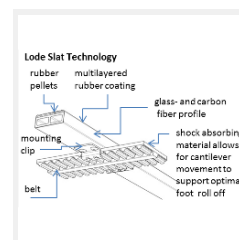


Katana sport XL

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



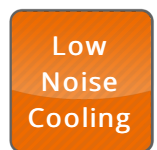
LEM compatible

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



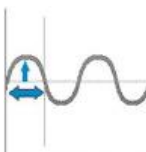
Fully software controlled electronic fans

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.



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%)



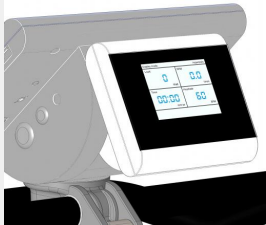


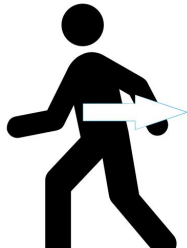
This treadmill can be executed with 25% negative elevation. This allows for downhill walking which is extremely useful for rehabilitation of certain injuries.

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Katana sport XL can also be extended with the following options:

<p>Remote Control for treadmill</p> <p>Ease of use</p>  <p>Partnumber: 945831</p>	<p>Add program function to 7" touch screen for Treadmill</p> <p>Programmable</p>  <p>Partnumber: U945815</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>SpO2 for control unit with touch panel (treadmill)</p> <p>Oxygen saturation</p>  <p>Partnumber: 945822</p>
<p>SpO2 for control unit with touch panel - ordered afterwards</p> <p>Ordered afterwards</p>  <p>Partnumber: P945822</p>	<p>Blood Pressure Measurement with ECG trigger for treadmills</p> <p>with ECG trigger</p>  <p>Partnumber: 945824</p>	<p>Heart rate for treadmills</p> <p>Heart rate in beats per minute</p>  <p>Partnumber: 945820</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>Autospeed</p> <p>Flexibility in exercising</p>  <p>Partnumber: 945840</p>	<p>Adjustable Acceleration & Deceleration for Katana & Ultra</p> <p>Flexibility in exercising</p>  <p>Partnumber: 945847</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>Ambient sensor pack</p> <p>Check environmental conditions during test</p>  <p>Partnumber: 945826</p>

Katana sport XL

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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 %	

Certification

CE class Im according to MDD93/42/EEC	✓
CTüVus according to NRTL	✓
CB according to IECCE CB	✓

Accuracy

50 Hertz Filter	✓	
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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Connectivity

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

Dimensions

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	350 kg	771.6 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 13485:2003 compliant	✓
ISO 9001:2008 compliant	✓
Standard emergency lanyard	✓
Step up plate emergency stop	✓

Order info

Partnumber: 934930

**Specifications are subject to change without notice.*



FOR LIFE | UNDERSTANDING
MOVEMENT & PERFORMANCE

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