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PUUHA SPORTS OY

David City Line Outdoor Training Equipment

Product Development History

Product Technical Information

User Experience & Awards

Product Development History

The project Started from a request to design a new type of outdoor traning equipment line for City of Helsinki

- ✓ Durable under any weather condition
- ✓ Safe and effecitve exercise for all users
- ✓ Low maintanance needed
- ✓ EN16630:2015 Standard compliance
- ✓ Adjustable loading weight
- ✓ Deliver optimal training response

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David City Line 100% Finnish Product

- Basic exercises with natural movement patterns for indoor and outdoor use
- Numerous setup alternatives too meet the needs of every customer
- Meeting the highest quality standards, very durable products made in Finland
- Biomechanically sound devices for user safety and optimal training response

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David City Line Safe and Durable

- User safety has been the fundamental factor throughout the design process

- Design and manufacturing in compliance with EN16630-2015 European Standard

- All units have been tested and approved for all-weather conditions in co-operation with the City of Helsinki

- 20 years warranty on structural frame construction, all steel profiles with 4-6 mm wall thickness (Ref. Terms of warranty)

- 5 years waranty on moving parts, bearings and urethane coated plywood components (Ref. Terms of warranty)

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David City Line Product Highlights

- The core value is that all units are suitable to a wide variety of users regardless of age and fitness level

- Patented, adjustable Large Scale Loading System is a unique feature in outdoor training equipment

- Sleek and simple in design, the equipment blends well with urban and rural environments

- Multiple color options according to the Classic RAL Color Chart

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David City Line Product Technical Information

CL10 Squat product information

Length:	2040 mm
Width:	930 mm
Height:	1880 mm

- 20 – 60 kg (1 x weight unit) total weight 169kg
- 20 – 90 kg (2 x weight unit) total weight 227kg

Wall thickness:	4 - 6 mm

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David City Line Product Technical Information

CL23 Low row product information

Length:	1930 mm
Width:	920 mm
Height:	1120 mm

- 20 – 70 kg (1 x weight unit) total weight 158kg

Wall thickness: 4 - 6 mm

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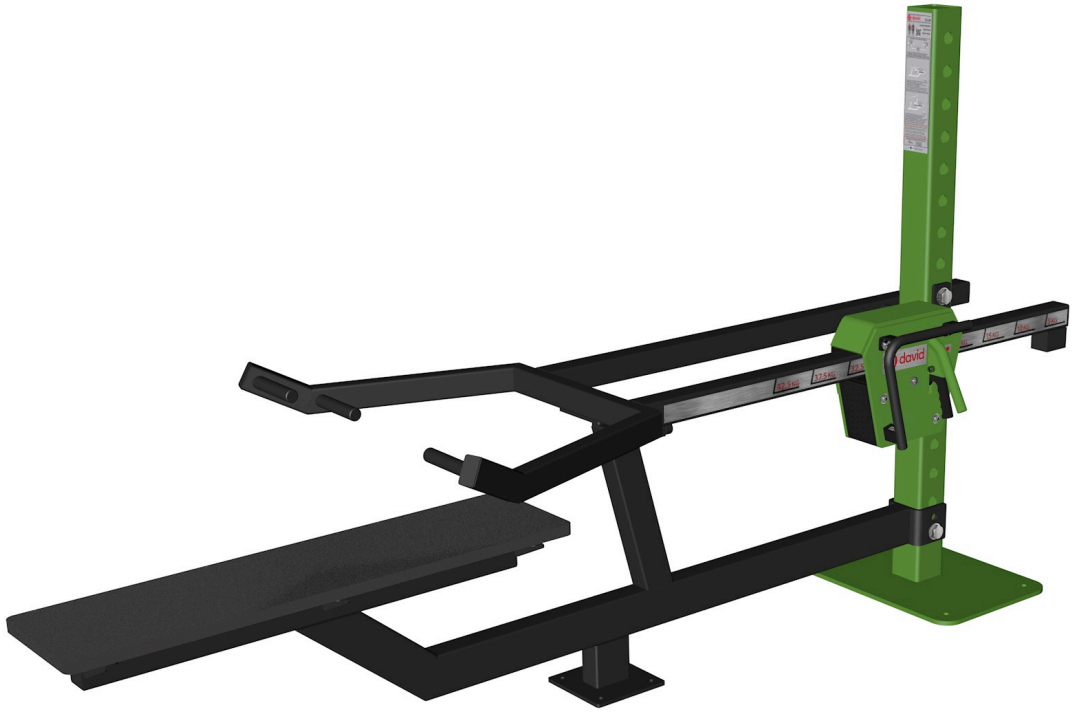
David City Line Product Technical Information

CL30 Bench press product information

Length: 2700 mm
Width: 930 mm
Height: 870mm

- 15 – 55 kg (1 x weight unit) total weight 170kg
- 10 – 85 kg (2 x weight unit) total weight 228kg

Wall thickness: 4 - 6 mm



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David City Line Product Technical Information

CL31 Incline bench press product information

Length: 2700 mm
Width: 930 mm
Height: 870mm

- 15 – 55 kg (1 x weight unit) total weight 170kg
- 10 – 85 kg (2 x weight unit) total weight 228kg

Wall thickness: 4 - 6 mm

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David City Line Product Technical Information

CL41 Front press product information

Length: 2350 mm
Width: 930 mm
Height: 1250 mm

- 15 – 55 kg (1 x weight unit) total weight 174kg
- 10 – 85 kg (2 x weight unit) total weight 232kg

Wall thickness: 4 - 6 mm

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Adjustable Loading Mechanism

pat. 127344– ”Arrangement and Method for adjusting load in Training Equipment”

- Loading with 5 kg increments
- Easy to use release lever

- Maintenance free wheels
- Safety locking mechanism
- Double compression springs

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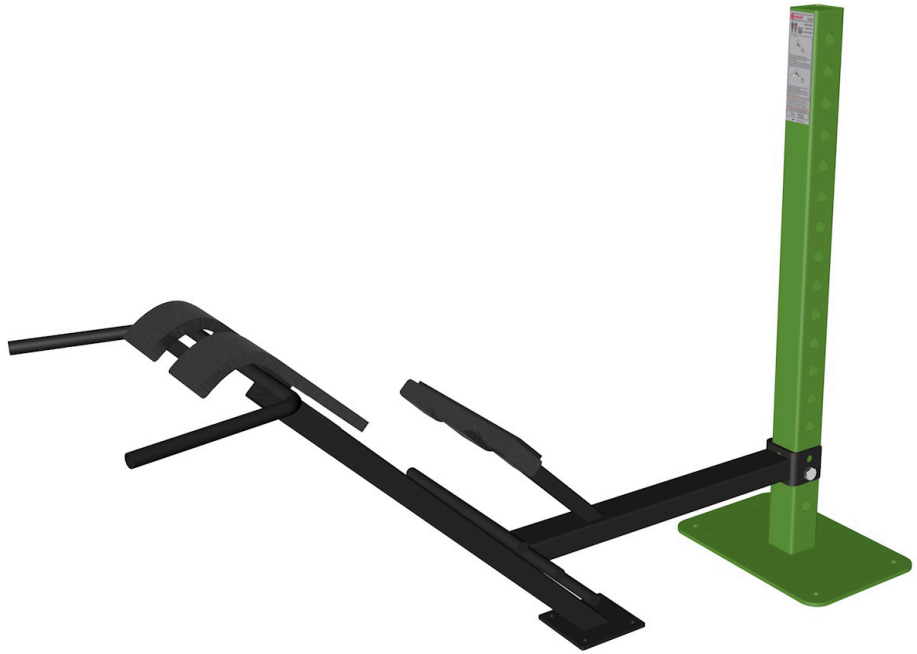
David City Line Product Technical Information

CL20 Back extension product information

Length: 1960 mm
Width: 750 mm
Height: 1000 mm

- 49 kg (equipment weight)
- 91 kg (with mounting post)

Wall thickness: 4 - 6 mm



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David City Line Product Technical Information

CL81 Dip product information

Length:	870 mm
Width:	770 mm
Height:	840 mm

- 13 kg (equipment weight)
- 55 kg (with mounting post)

Wall thickness: 4 - 6 mm

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David City Line Product Technical Information

CL90 Abdominal bench product information

Length:	1880 mm
Width:	410 mm
Height:	610 mm

- 35 kg (equipment weight)
- 77 kg (with mounting post)

Wall thickness: 4 - 6 mm

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CL 20, CL81 and CL90 combinations

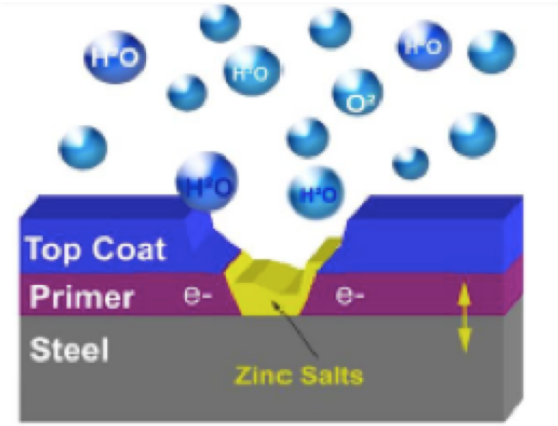
Double Layer Surface Treatment (1/2)

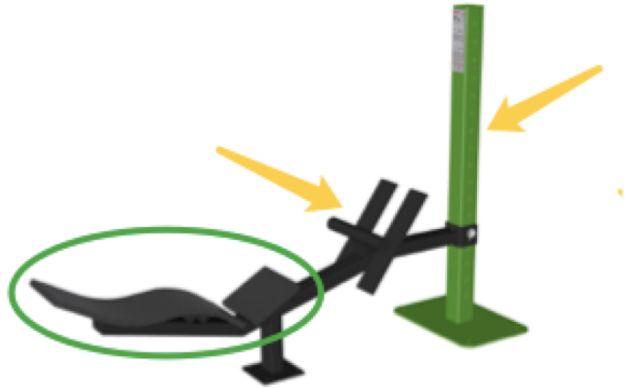
Solutions against corrosion on steel / protection by duplex system

- Zinc or zinc rich layer covered with top coating
- Two layer system that combines cathodic protection and barrier effect

Advantages:

- Greater anticorrosion protection
- Limitless color choices





Double Layer Surface Treatment (2/2)

Interpon PZ 790 (ALZ90F) / Zinc Rich Primer - Duplex

Surface treatment	C1	C2	C3	C4	C5-M	C5-I
Grit blasting (Sa 2.5)						
<5 years	6-10 years		11-15 years		>15 years	

AkzoNobel

Key features
- Outstanding anticorrosion resistance on grit blasting
- Ideal for usage in public areas
- Smooth surface finish in comparison to other zinc rich primers

Typical uses
- Street furniture
- Garden furniture
- Steel cladding and fences
- Handrails and staircases

Interpon PZ 790 (ALZ90F) / Zinc Rich Primer - Duplex

Safety And User Instructions

- English, Swedish, Finnish (other languages are up to request)
- Detailed instructions
- Detailed illustrations
- User safety instructions
- QR-codes for instructional videos

David City Line / QR-codes

David CL 10

David CL 20

David CL 23

David CL 30

David CL 31

David CL 41

David CL 81

David CL 90

Pirkkola Sports Park, Helsinki, Finland

Installation site:	City of Helsinki, Pirkkola Sports Park
Area:	Fenced area with optical sensors (2 entrances)
Equipment:	8 David City Line units + Big Rig FTR 0382H
Time period:	15.04.2016 – 30.09.2017
Number of visits:	160 038 visits (in average 284 visits / day)

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In 2015 David City Line Received The Sports Product Of The Year Award

VUODEN LIIKUNTA-TUOTE 2015

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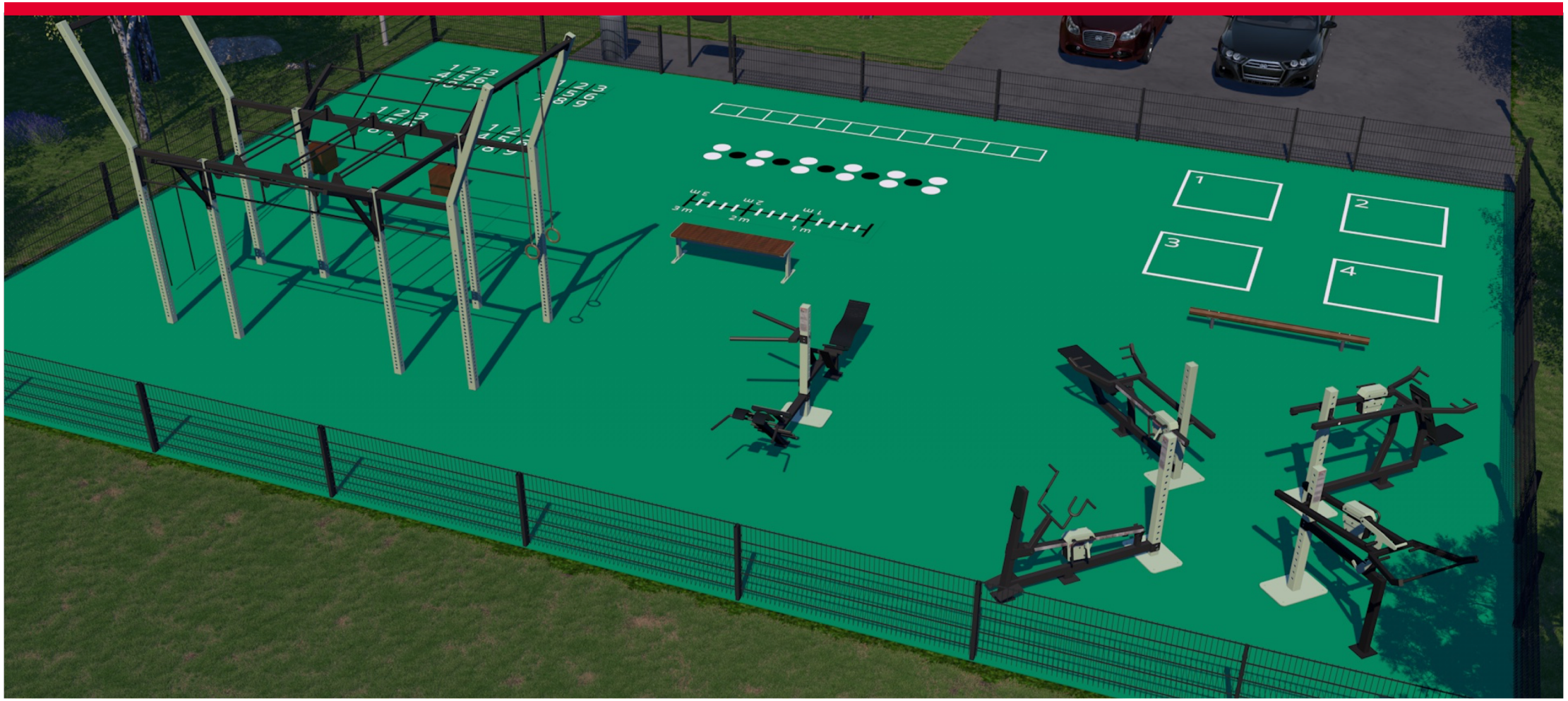
David City Line In 3D



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Thank you

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