



FUCHS®

A TEREX BRAND

Agenda

- FUCHS- a brief overview
- TEREX Corporation
- Product Portfolio
- Application Specialists
- Strategy



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FUCHS

History

1888

The company is founded. Johannes Fuchs commences operations, manufacturing agricultural material handlers.



1957

Start of production in Bad Schönborn. With 15,000 units sold, the legendary F 301 is the most popular excavator in the world.



1965

Development of the first hydraulic excavator – awarded "Gute Industrieform" (Good Industrial Form) at the Hanover Trade Fair in 1967.





FUCHS





Global Footprint



Bad Schönborn, Baden- Württemberg
Germany    HQ

Louisville, KY
USA  

Changzhou, Jiangsu
China   

 Production for global market & HQ
 Production for domestic market
 Service Hub
 Sales Office

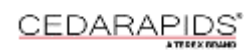
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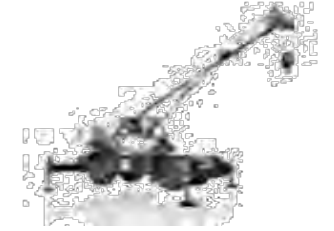
TEREX Corporation

Business Units & Brands



TEREX Corporation

Business Units & Brands



 **TEREX**®
EXECUTE. INNOVATE. GROW.



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Product Portfolio

Mobile Material Handler

| MHL | MHL 310 | MHL 320 | MHL 331 | MHL 335 | MHL 340 | MHL 345 | MHL 350 | MHL 355 | MHL 360 | MHL 365 | MHL 370 | MHL 375 | MHL 380 | MHL 390 |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 85 kW | 95 kW | 115 kW | 115 kW | 129 kW | 129 kW | 160 kW | 160 kW | 190 kW | 190 kW | 230 kW | 245 kW | 245 kW | 300 kW |
| | 95 kW | 115 kW | 115 kW | 115 kW | 128 kW | 128 kW | 148 kW | 148 kW | 186 kW | 186 kW | 230 kW | 245 kW | 245 kW | 273 kW |
| | 75 kW | 75 kW | 90 kW | 90 kW | 110 kW | 110 kW | 132 kW | 132 kW | 160 kW | 160 kW | 200 kW | 220 kW | 220 kW | 250 kW |
| | 17,1 t | 21,0 t | 24,2 t | 25,5 t | 30,6 t | 31,2 t | 35,5 t | 40,9 t | 48,8 t | 51,8 t | 52,0 t | 66,5 t | 71,8 t | 87,0 t |
| | 9,0 m | 10,4 m | 12,0 m | 12,0 m | 13,7 m | 13,7 m | 16,0 m | 16,0 m | 18,0 m | 18,0 m | 18,0 m | 20,0 m | 22,0 m | 24,5 m |

Tracked Material Handler

| RHL | RHL 320 | RHL 331 | RHL 340 | RHL 350 | RHL 360 | RHL 370 | RHL 380 | RHL 390 | RHL 390 XL | RHL 390 GANTRY | F120MH |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|------------|----------------|-----------------------------------|
| | 95 kW | 115 kW | 129 kW | 160 kW | 190 kW | 230 kW | 245 kW | 300 kW | 300 kW | 300 kW | 350 kW + 150kW Blue Hybrid System |
| | 95 kW | 115 kW | 128 kW | 148 kW | 186 kW | 230 kW | 245 kW | 273 kW | 273 kW | 273 kW | 350 kW + 150kW Blue Hybrid System |
| | 75 kW | 90 kW | 110 kW | 132 kW | 160 kW | 200 kW | 220 kW | 250 kW | 250 kW | 250 kW | 280 kW + 150kW Blue Hybrid System |
| | 28,5 t | 29,0 t | 38,0 t | 43,0 t | 54,0 t | 60,0 t | 77,0 t | 96,0 t | 105,0 t | 110,0 t | 150 t |
| | 10,4 m | 12,0 m | 13,7 m | 16,0 m | 18,0 m | 18,0 m | 22,0 m | 24,5 m | 24,5 m | 24,5 m | 27 m |

Pick & Carry and Trailer Puller

| MHL | MHL 420 | MHL 434 | MHL 354 | MHL 364 | MHL 450 |
|-----|----------|---------|---------|---------|---------|
| | 95/97 kW | 115 kW | 160 kW | 190 kW | 180 kW |
| | 95 kW | 115 kW | 148 kW | 186 kW | 182 kW |
| | 22,2 t | 25,7 t | 34,9 t | 48,1 t | 38,4 t |
| | 12,8 m | 10,7 m | 11,3 m | 12,1 m | 16,0 m |

Hydraulic Quick Coupling Solutions

| FQC | FQC 340 | FQC 350 |
|-----|---------|---------|
| | 129 kW | 160 kW |
| | 128 kW | 148 kW |
| | 110 kW | 132 kW |
| | 29,8 t | 35,5 t |
| | 11,0 m | 13,0 m |

| MQC | MQC 345 | MQC 350 |
|-----|---------|---------|
| | 129 kW | 160 kW |
| | 128 kW | 148 kW |
| | 110 kW | 132 kW |
| | 32,0 t | 34,4 t |
| | 12,6 m | 15,0 m |

| BQC | BQC 355 |
|-----|---------|
| | 160 kW |
| | 148 kW |
| | 132 kW |
| | 40,9 t |
| | 16,0 m |

Stationary Material Handler

| AHL | AHL 350 PYLON | AHL 350 STANDARD |
|-----|---------------|------------------|
| | 160 kW | 160 kW |
| | 148 kW | 148 kW |
| | 132 kW | 132 kW |
| | 25,5 t | 35,5 t |
| | 16,0 m | 16,0 m |

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CUSTOMERS & APPLICATIONS

WASTE
Handling



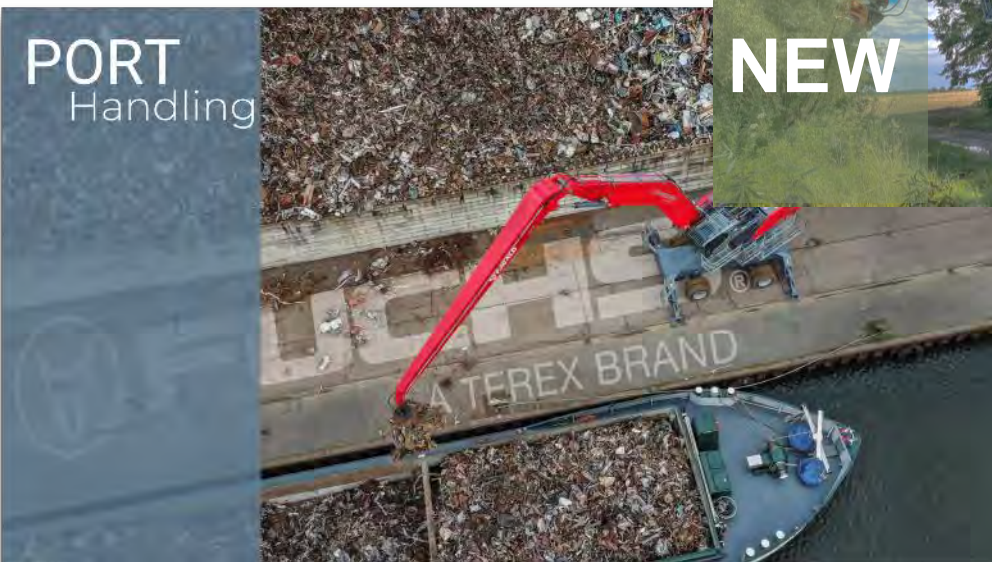
SCRAP
Handling

FORESTRY



NEW

PORT
Handling



TIMBER
Handling



PORT HANDLING

**FOUR GENERATIONS OF
FUCHS MHL**

MHL340 E, MHL350 D & F & MHL360 C

PORT HANDLING

Testimonial



PORT HANDLING

Testimonial

Dry Bulk Handling
River Terminal



PORT HANDLING

Testimonial

Scrap Handling
River Terminal



PORT HANDLING

Testimonial

Scrap Handling
River Terminal



DRY BULK HANDLING

Seaport

PORT HANDLING

Testimonial



BREAK BULK HANDLING

Short Sea Shipping

PORT HANDLING

Testimonial



PORT HANDLING

Testimonial



A dramatic, low-angle shot of a Transformer robot, likely Optimus Prime, standing against a dark, stormy sky. The robot is rendered in a dark, metallic blue color, with its intricate mechanical details visible. The background is filled with jagged, bright white lightning bolts striking down. The overall mood is intense and powerful.

THE BEGINNING OF A NEW ERA

Extension of the Product Range

| Extended Portfolio



MHL310 F
17t/ 37,500lbs



MHL390 F
Gantry
≤ 110t/ 242,000lbs



F120 MH
120t-145t/ 264,000
– 320,000lbs



F120 MH



System output up to 500 kW / 670 hp



120-150 t / 264,500-330,700 lbs



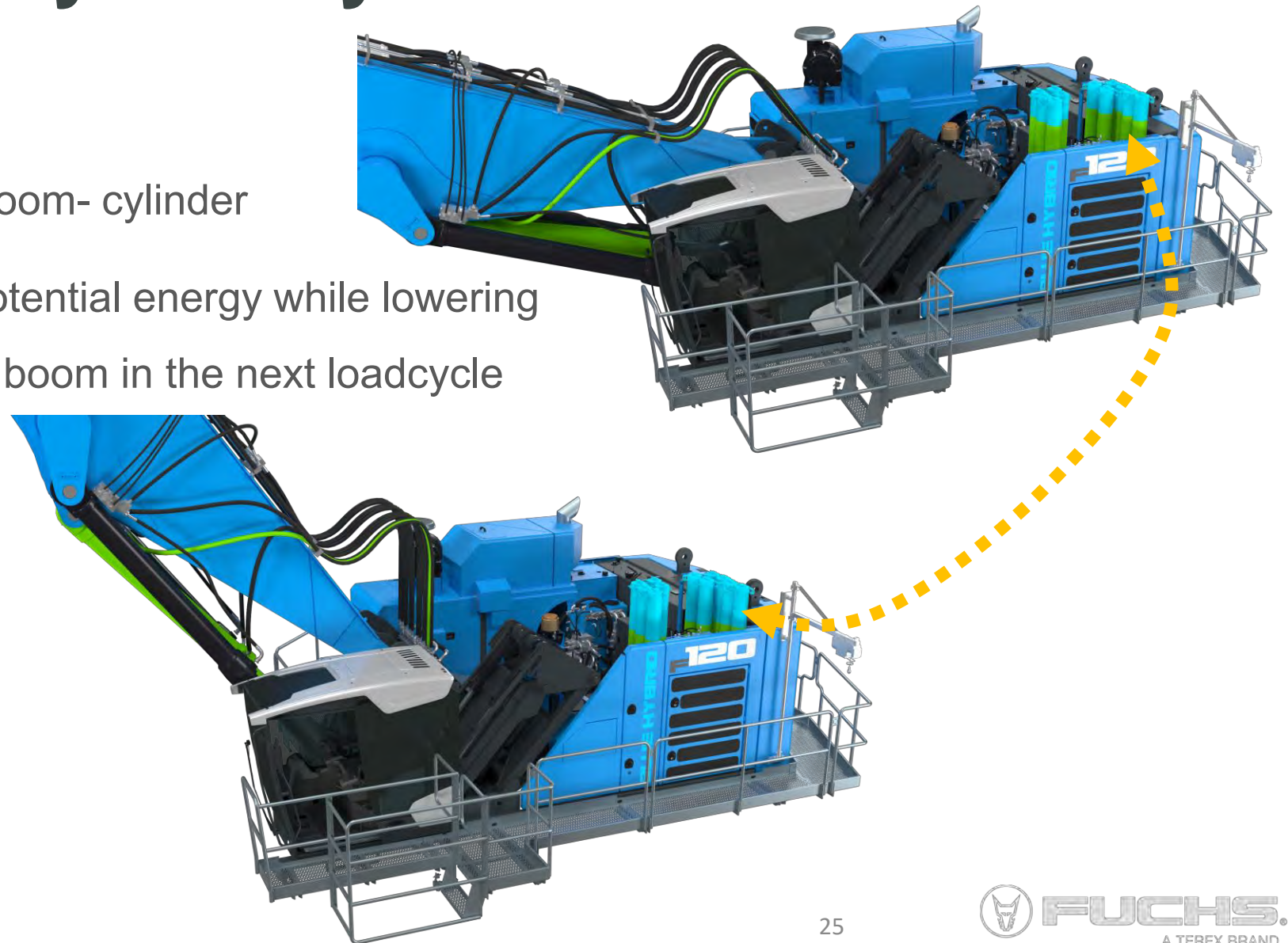
Maximum reach 27 m / 88'6"

- Viewing height of 12 m / 39'4"
- Semi-automatic quick coupler
- Modular System



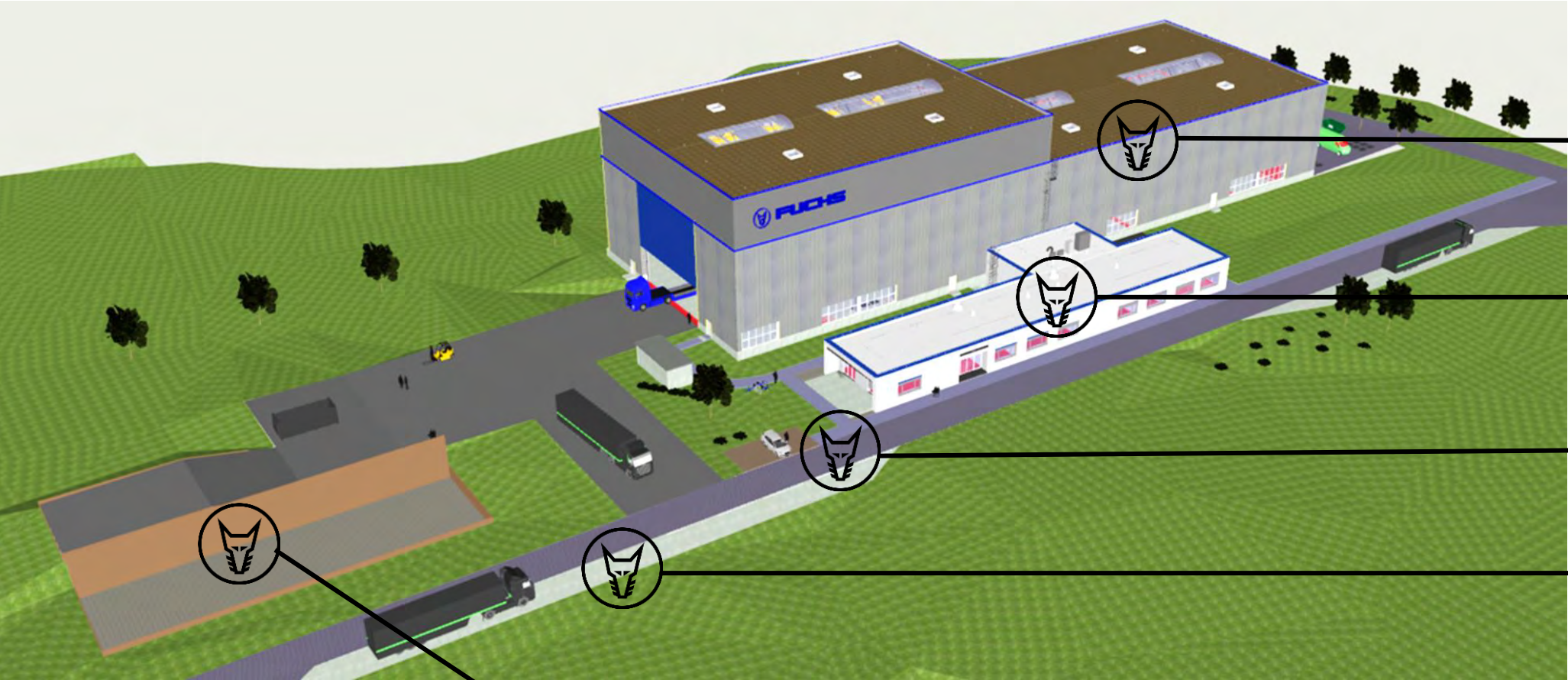
F120 MH - Blue Hybrid System

- Hybrid power up to 150 kW
- Energy-Recovery, using third boom- cylinder
- Accumulators store/save the potential energy while lowering the boom. Support of lifting the boom in the next loadcycle



Extension of the Production Area

Future Layout



Assembly Halls

Offices, Social Rooms, Visitors

Ring Road

6 Truck Parking Bays

Test Area

Custom Made Solutions

The Fuchs Application Center



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Strategy

EXECUTE
INNOVATE
GROW

NeXt Gen

Material handling re-defined

Best in class
operator safety



Ecological Footprint



360° machine
connectivity



VOC Analysis, Focus Groups, Modular Design, First Class Customer Experience

Costing Excellence



THANK
YOU