



WE IMPROVE YOUR LIFE



Our History

Christian
Jensen founds
his workshop

1907

Grandson
Bent Jensen
takes over

1976

The first
actuator was
developed

1979

First ever
actuator system
for hospital and
care developed

1989

US factory
opens

1999

About LINAK

Family-owned company (since 1907)

30

Subsidiaries

4

Factories

15

Distributors

2,500

Employees

HQ:

Guderup,
Denmark

R&D:

Denmark, the
USA and China

1,200

Patents

12,000

Customers

28,000

Special item
numbers

Global Presence



30

Subsidiaries

4

Factories

15

Distributors

LINAK U.S. – Louisville, KY

- North & South Campuses:
 - Manufacturing
 - Warehouse
 - Office
- Our Team:
 - Application Engineers
 - R&D
 - Sales Managers



LINAK Segments

The LINAK Group is divided into four individual segments or Strategic Business Units (SBUs)

MEDLINE® & CARELINE®



TECHLINE®



DESKLINE®



HOMELINE®



What is TECHLINE®?

- TECHLINE® improves your life by reassuring and helping you to succeed with reliable and precise movement designed for heavy-duty industrial work situations.
- We do this by paying keen attention to your needs and specifications, and by performing rigorous testing.

Construction



Agriculture



Outdoor Power Equipment



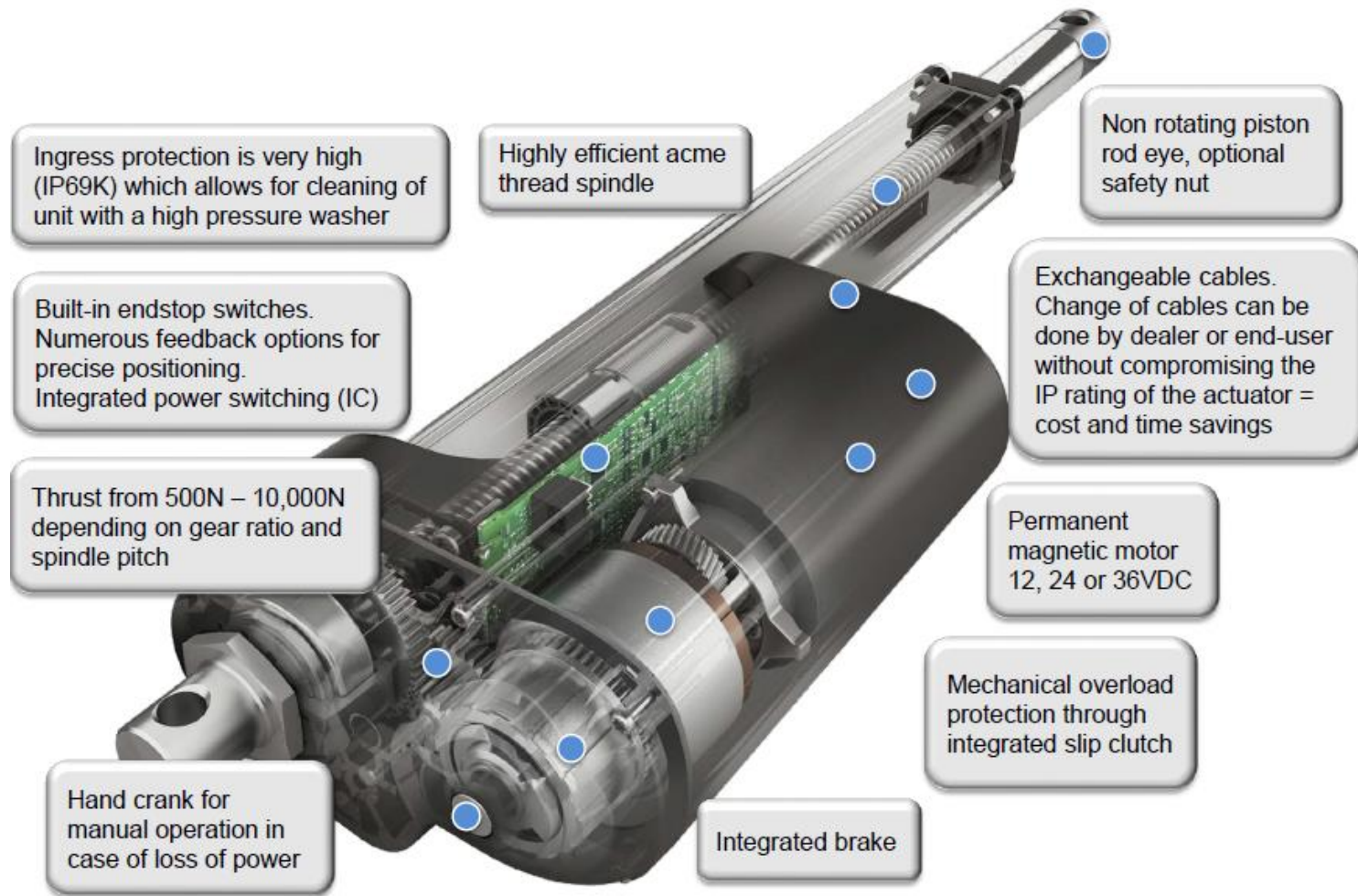
Marine



Grain



What is an actuator?



TECHLINE® - Primary Products



LA12 Actuator

LA12 – reliable and compact

- Max thrust up to 750 N
- Max speed up to 40 mm/sec
- Standard stroke 40-130 mm
- Protection class IP66
- Voltage 12 or 24 V DC
- High-quality reinforced plastic housing protects motor and gear
- Built-in limit switches and EOP
- Hall sensors or potentiometer for relative or absolute feedback, regardless of the stroke length
- Operation temperatures: – 20°C to + 60°C



LA14 Actuator

LA14 – robust and reliable

- Max thrust up to 750 N
- Max speed up to 40 mm/sec
- Standard stroke 20-130 mm
- Protection class IP66 dynamic / IP69K static
- Stainless steel inner tube and piston rod
- Voltage 12 or 24 V DC
- Heavy-duty aluminium housing for harsh conditions
- Built-in limit switches
- Wide range of customised feedback options
- Operation temperatures: – 40°C to + 85°C



LA25 Actuator

LA25 – tough and compact

- Max thrust up to 2,500 N
- Max speed 13 mm/sec
- Standard stroke 20-300 mm
- Protection class IP66/IP69K
- Voltage 12 or 24 V DC
- Built-in endstop
- Operation temperatures: – 40°C to + 85°C



LA33 Actuator

LA33 – tough and powerful

- Max thrust up to 5,000 N
- Max speed up to 35 mm/sec
- Standard stroke 100-600 mm
- Protection class IP66/IP69K
- Voltage 12 or 24 V DC
- Heavy-duty aluminium housing for harsh conditions
- Integrated brake, high self-locking ability
- Hall sensors for relative or absolute feedback, regardless of the stroke length
- Built-in endstop
- Solid metal construction
- Hand crank for manual operation
- Salt and chemical tested
- High pressure cleaning resistant
- Operation temperatures: – 40°C to + 85°C



LA36 Actuator

LA36 – reliable and tough

- Max thrust up to 10,000 N
- Max speed up to 160 mm/sec
- Standard stroke 100-999 mm
- Protection class IP66/IP69K
- Voltage 12, 24, 36 or 48 V DC
- Heavy-duty aluminum housing for harsh conditions
- Integrated brake, high self-locking ability
- Hall sensors or potentiometer for relative or absolute feedback, regardless of the stroke length
- Endstops: slip clutch or built-in limit switches
- Solid metal construction
- Hand crank for manual operation
- Salt and chemical tested
- High pressure cleaning resistant
- Operation temperatures: – 30°C to + 65°C



Actuator Academy

- Check out our video series for an in-depth look at our technology options:

- [BusLink](#)
- [Integrated Controller](#)
- [Feedback](#)



Controls

- Integrated Controller (IC)
 - Basic
 - Advanced
 - Parallel
- BUS platforms:
 - CAN bus, CAN Open, MOD bus, LIN bus



CAN | J1939

IC capabilities



TECHLINE® - Applications

John Deere 600 Combine Disengagement of Straw Chopper – (2) LA36



TECHLINE® - Applications

AGCO Combine Ladder Adjustment – LA36



TECHLINE® - Applications

CNH Unloading Spout - LA36



TECHLINE® - Applications

Wheel Loader Hood Lift – LA36



TECHLINE® - Applications

Wheel Loader Hood Lift – LA36



TECHLINE® - Applications

Crop-Sensing Monitor – (2) LA36



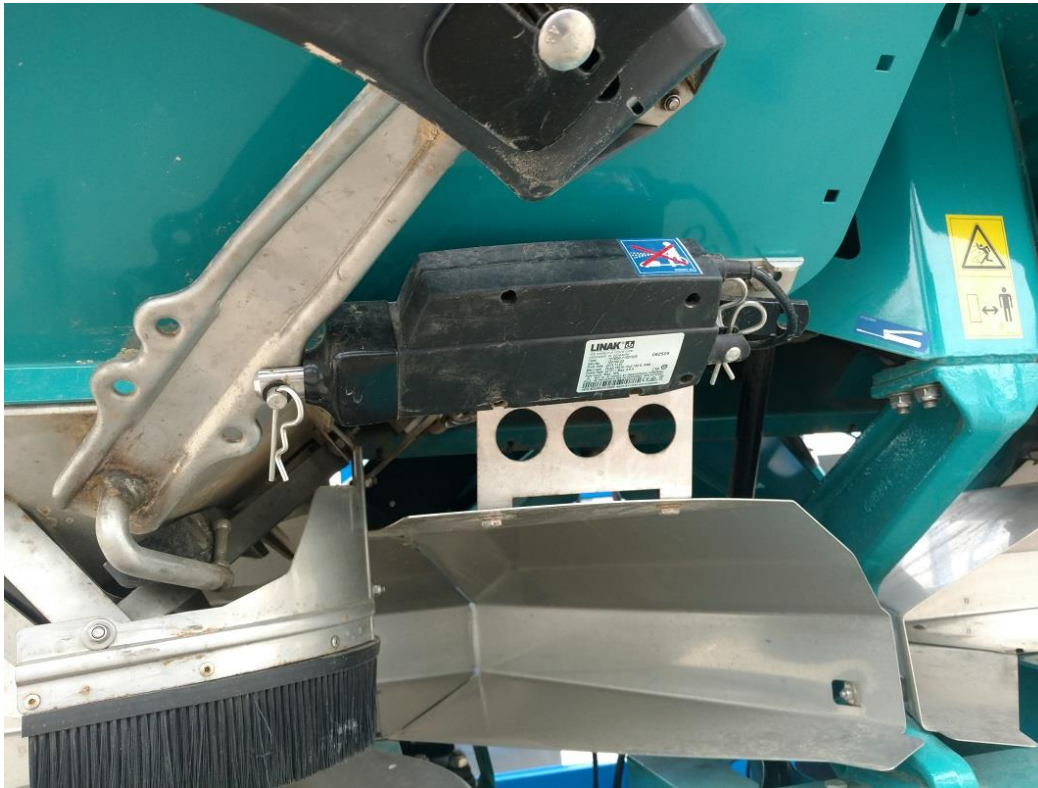
TECHLINE® - Applications

New Holland – Dual Rotor Material Control Fins – (2) LA36



TECHLINE® - Applications

Computer-Controlled Fertilizer Spreader - LA12



TECHLINE® - Applications

Mower Deck Lift – LA36



Additional Information

- www.linak-us.com
 - Data sheets/User manuals

We would be happy to support your project by supplying actuators for your build. Reach out to us to get started on building an actuator for your tractor:

- Jud Harten – Sales Manager
 - jharten@linak-us.com
 - 502-318-2112
- Ryan Penty – Sales Manager (Canada)
 - rpenty@linak-us.com
 - 502-318-2180
- Brent Gettelfinger – Application Engineer
 - bgettelfinger@linak-us.com
 - 502-318-2165



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