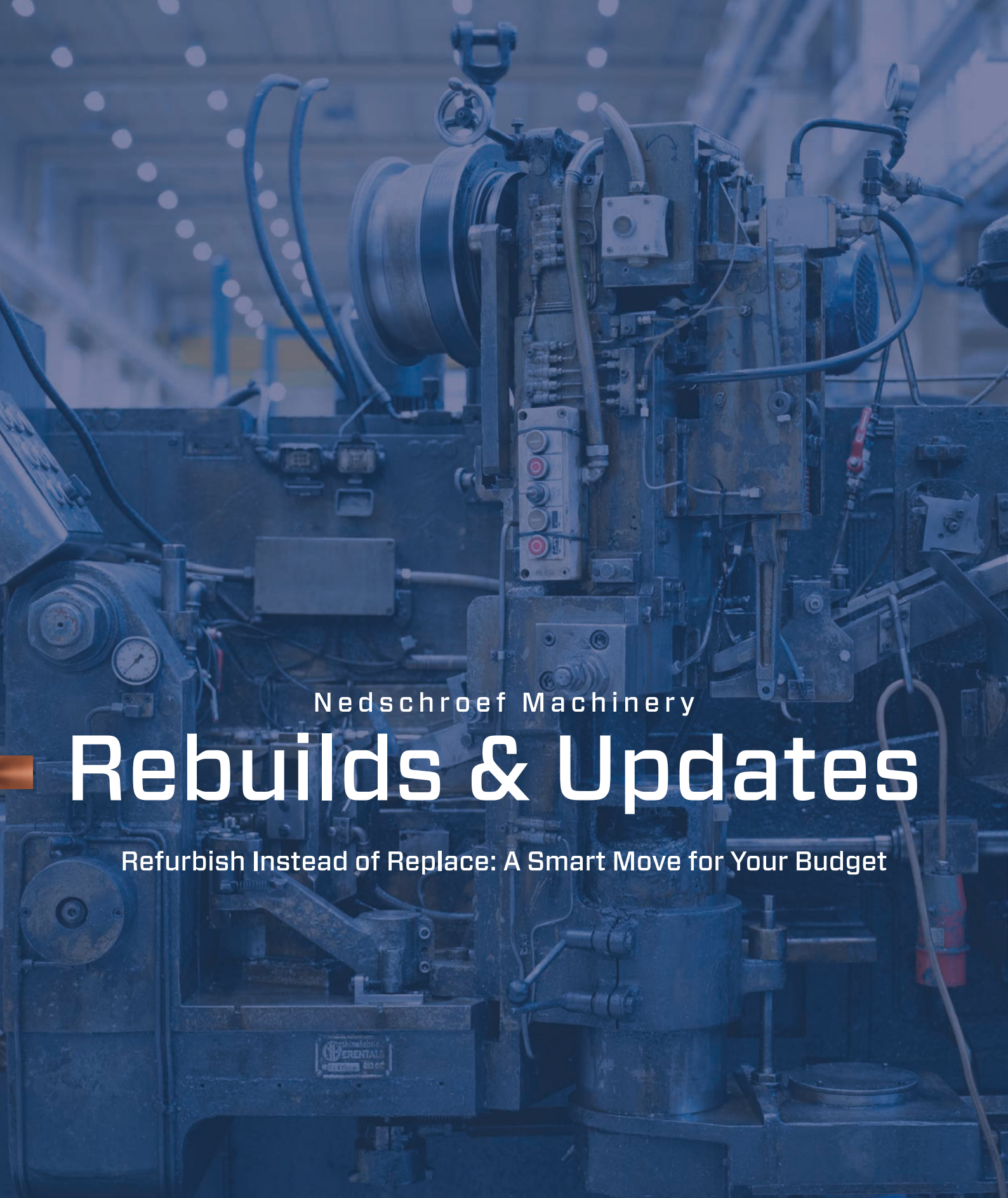




Nedschroef Machinery

Rebuilds & Updates

Refurbish Instead of Replace: A Smart Move for Your Budget

Nedschroef Machinery

70 years building quality

Cold and Warm metal forming machines

Dear client,

Many older machines are still in existence and in production mode as of today.

To ensure these machines can run in the future, we have designed a variety of upgrades and rebuilds for them to meet current technology and safety standards.

We are convinced that those upgrades and rebuilds will keep your machines running and in perfect condition so they can continue producing complex metal parts!

Kris Anthoni

Global Service Manager



Contact

For more detailed information, requests and suggestions

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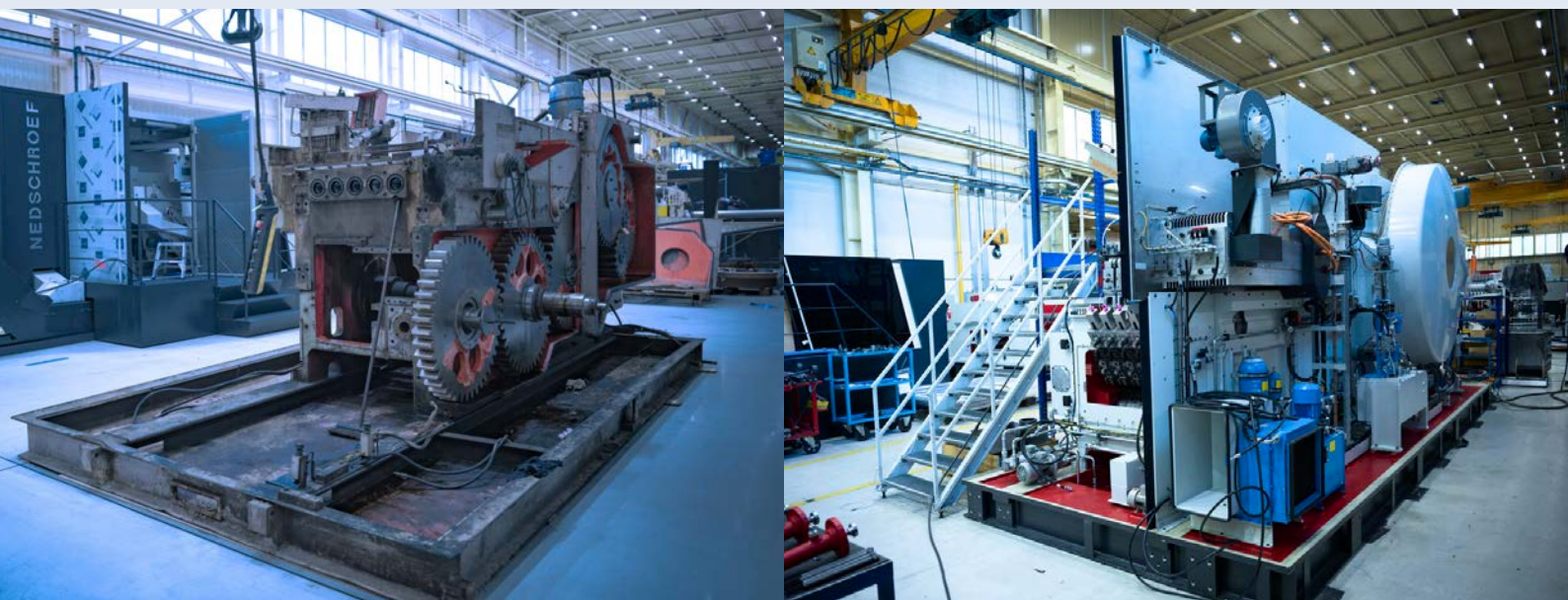
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Your machine deserves an upgrade

Revision and Updates



Conversion and Revision

Are you considering purchasing a new machine, revising equipment, or modernizing equipment to meet the latest specifications? Our team will evaluate the best option for you. If a software upgrade, extra functionalities, or a complete revision will do the job instead of buying a new machine, we will recommend that option. In this way, we can help you improve performance.

Usually, machines' main mechanical components are still in good condition after years of use. However, control and drive technology continue to steadily evolve, resulting in newer, better performing machines. By extending the lifespan of your existing machines, our conversion and revision service offers you the same benefits as a modern machine.

[More about revision](#) →

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Below you can find the options we currently offer.

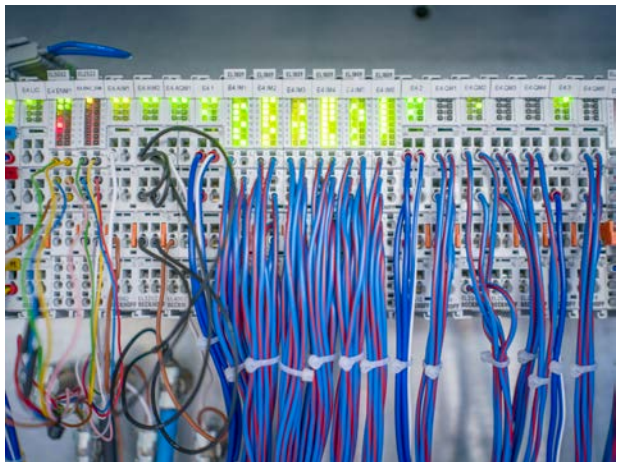
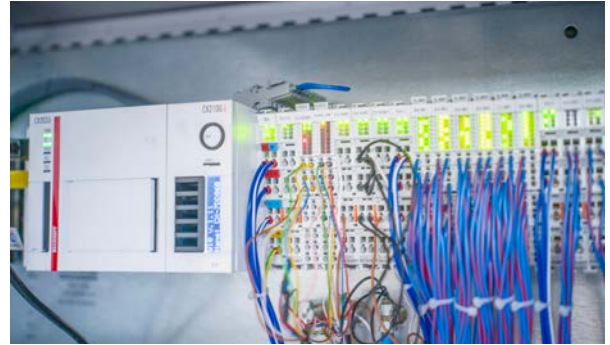
Main reasons for rebuilding or upgrading are obsolete parts, outdated parts, improving production output and more.



1. Operating systems
2. Main motor
3. Safety systems
4. Servo adjustments
5. Sensors & switches
6. Encoder functionality upgrade
7. Progressive lubrication system
8. Hydraulic system
9. NC-feeding implementation
10. Complete machine rebuild
11. Client specific rebuild

1. Operating systems

Rebuilding all types of PLC, PC and HMI systems



Benefits

- Reducing changeover duration, operator convenience, easy troubleshooting, remote assistance,...
- Newest Nedschroef Standard:
 - Beckhoff TwinCAT or
 - Siemens S7-1500
- Budget price hardware and engineering
Starting from €10,800
- Installation duration
Starting from 5 days

2. Main motor

Rebuilding all machine versions, AC and DC

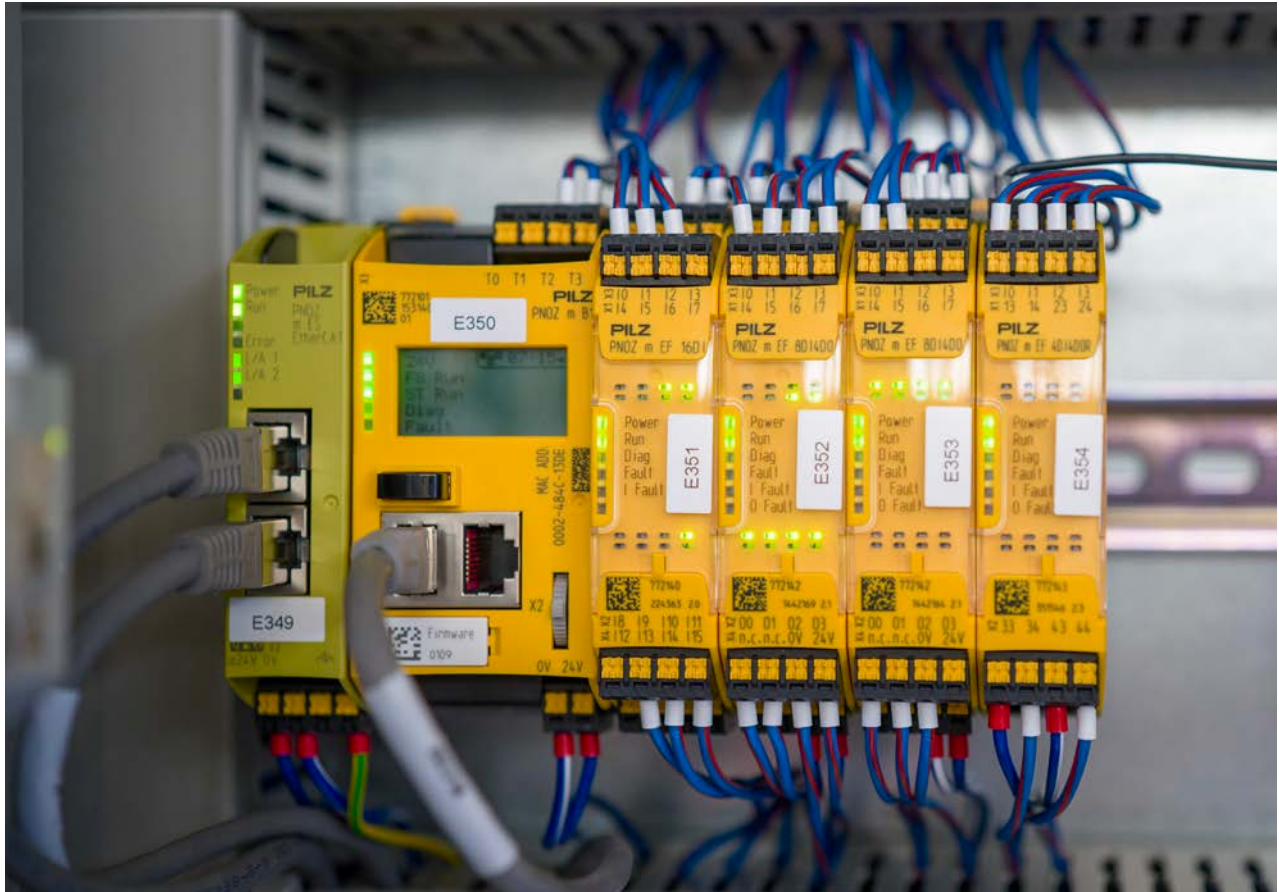


Benefits

- Energy saving, more consistent and equal main slide movement...
- Newest Nedschroef Standard:
 - ABB ACS880
- Budget price hardware and engineering:
 - AC to AC Starting from €8,500
 - DC to AC Starting from €26,000
- Installation duration
Starting from 4 days

3. Safety systems

New level of security, up to current standards

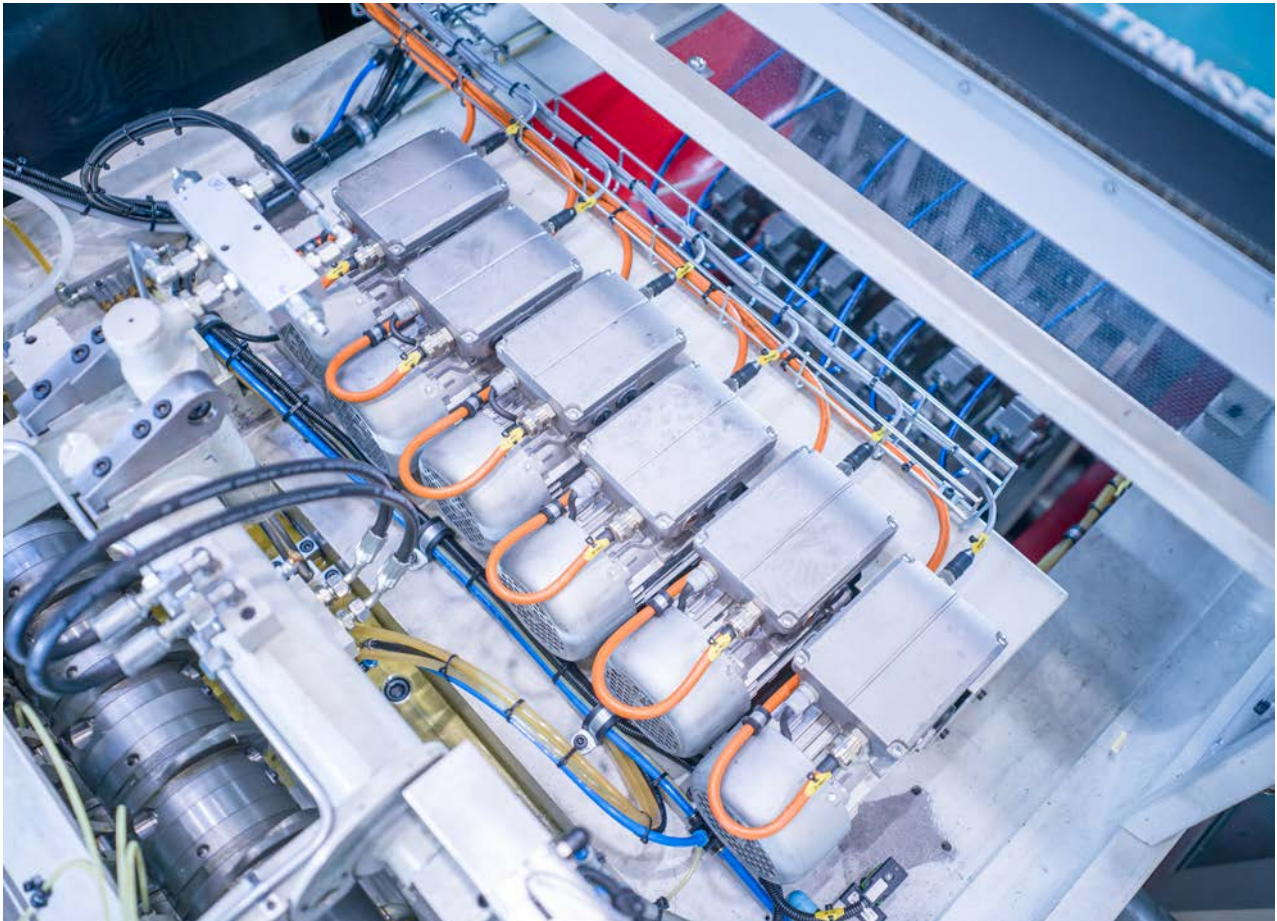


Benefits

- Easy programming, quick troubleshooting, simply adding extra safety...
- Newest Nedschroef Standard:
 - PILZ PNOZ safety PLC, Trojan & Keyence
- Budget price hardware and engineering
Starting from €9,200
- Installation duration
Starting from 4 days

4. Servo adjustments

Applicable to most machine versions, even if not factory-installed



Benefits

- Reducing changeover duration, quick adjustments and quick position saving...
- Newest Nedschroef Standard:
 - Lenze AC-motors with encoder and variable frequency drives
- Budget price hardware and engineering
Starting from €35,000
- Installation duration
Starting from 7 days

5. Sensors & Switches

Rebuilding all machine versions, mechanical to electronic



Benefits

- Visual control possibility, narrow setting possibility and quick troubleshooting, no mechanical wear...
- Newest Nedschroef Standard:
 - IFM, BALLUF...
- Budget price hardware and engineering
Starting from €6,800
- Installation duration
Starting from 2 days

6. Encoder functionality upgrade

Flexible and accurate positioning & setting

Encoder functionality upgrade



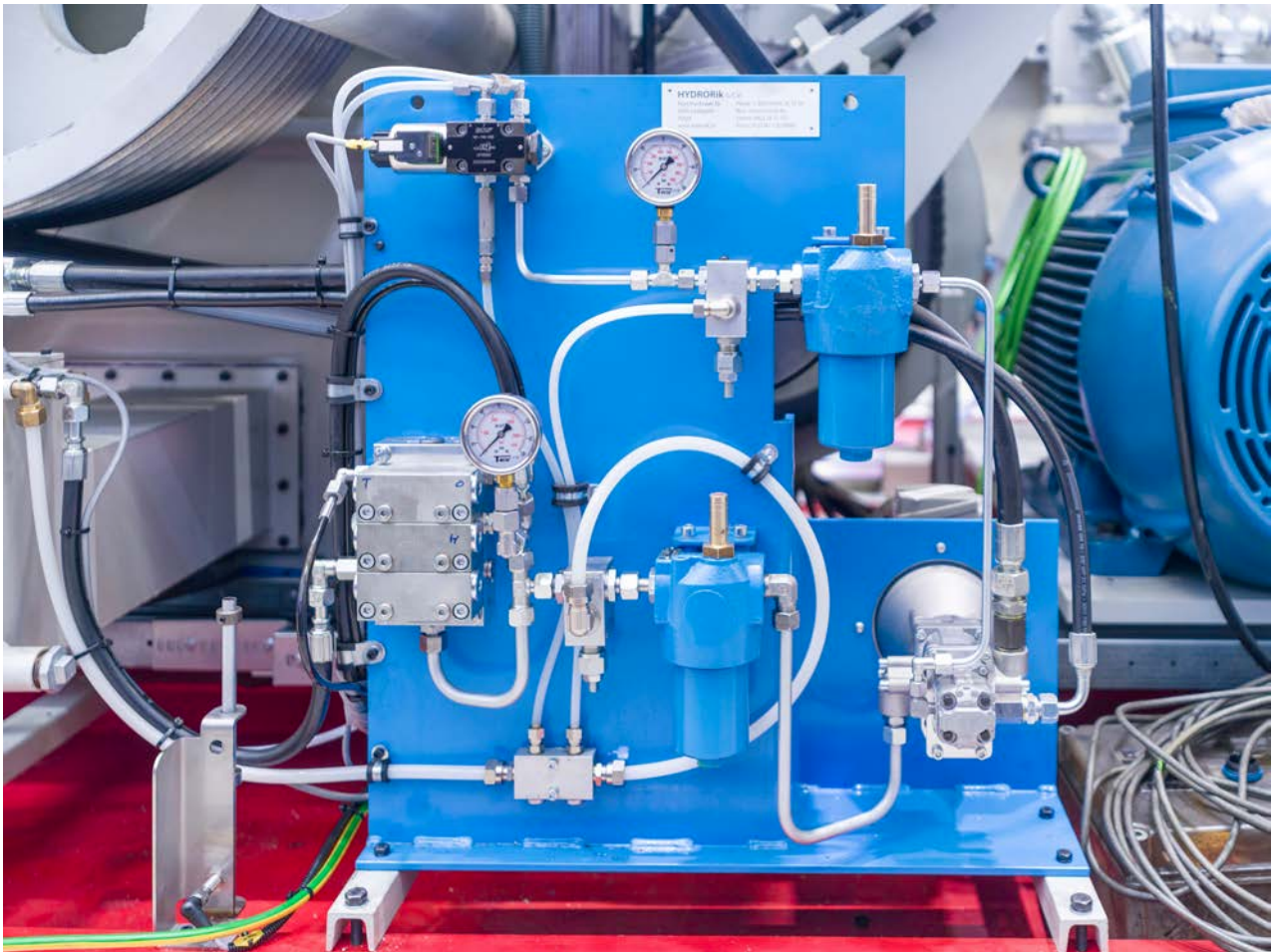
Benefits

- Energy saving, increasing tool life, implementing client-specific window checks...
- Newest Nedschroef Standard:
 - Heidenhain
- Budget price hardware and engineering
Starting from €6,000
- Installation duration
Starting from 2 days



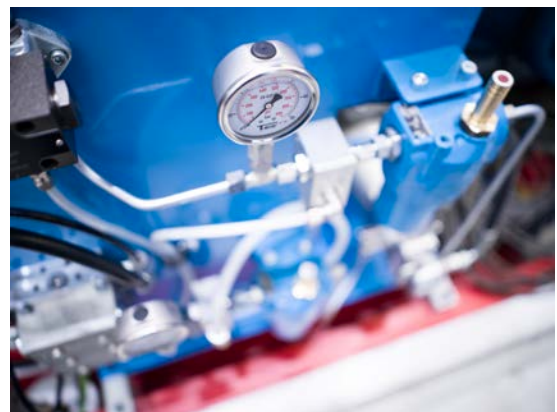
7. Progressive lubrication system

Rebuilding all machine versions



Benefits

- Easier control, quick trouble shooting capability, centralized set up...
- Newest Nedschroef Standard:
 - In-House development
- Budget price hardware and engineering
Starting from €12,000
- Installation duration
Starting from 4 days



8. Hydraulic system

One integrated base unit

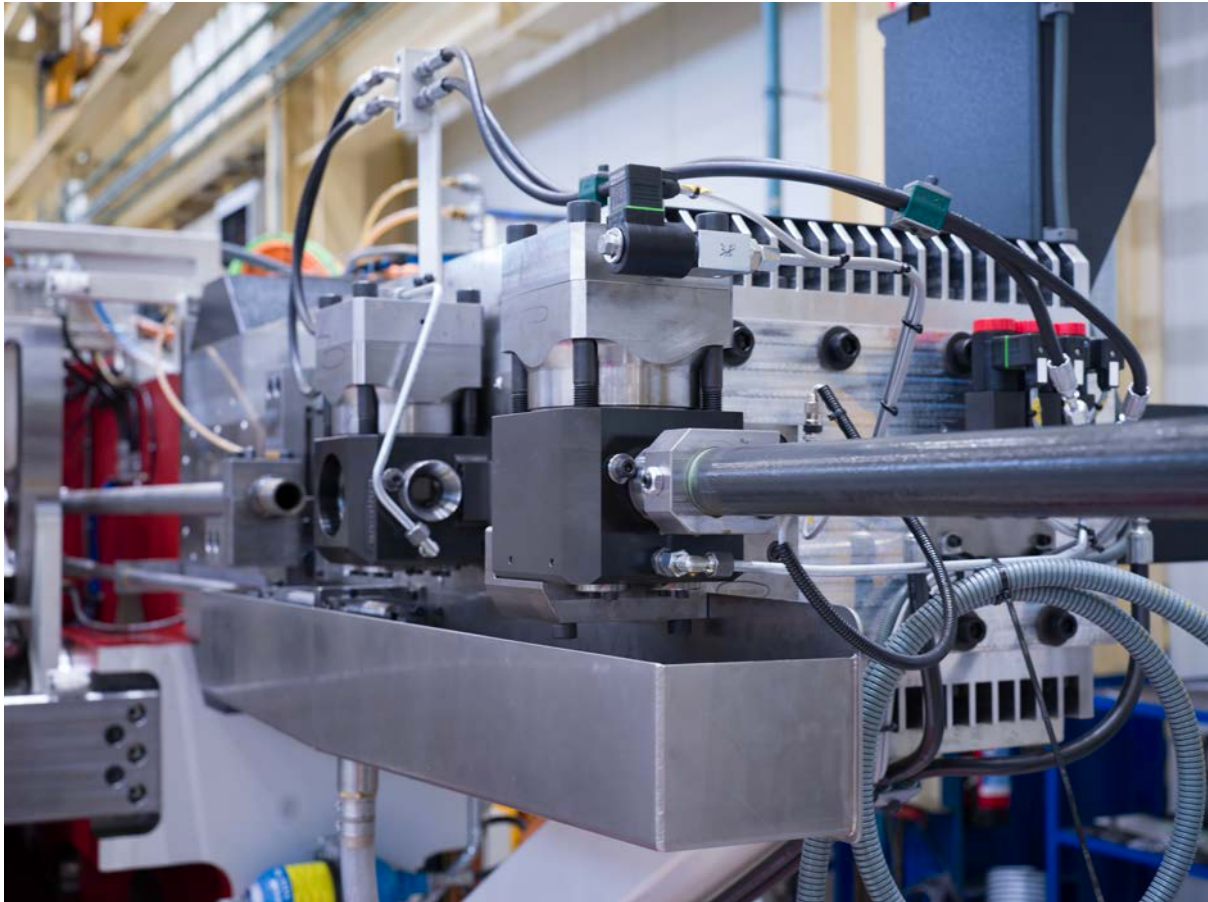


Benefits

- 1 unit = 2 different pressure lines
- Newest Nedschroef Standard:
 - In-House development
- Budget price hardware and engineering
Starting from €12,000
- Installation duration
Starting from 2 days

9. NC-feeding implementation

Accurate, stable & reliable feeding



Benefits

- Modular add-on unit, maintenance-friendly, easy setup, reduced hinge points & clearance, in-flight adjustments...
- Newest Nedschroef Standard:
 - Own design
- Budget price hardware and engineering
Starting from €200,000
- Installation duration
Starting from 14 days

10. Complete machine rebuild

Replace, Repair and Renew



Benefits

- All “as new”
 - Same machine, performance fully restored
 - Electronics & Pneumatics
 - Lubrication & Hydraulics
 - Mechanics & Cooling
- Add-on features integration
 - e.g. NC-Feeding unit
- Budget price & Lead time
Upon request



11. Client specific rebuild

Tailor-made solutions



Benefits

- You decide the scope of work
 - Combination of multiple upgrades possible
 - Tailor-made & client-specific
 - Keep older technology and combine with the latest state-of-the-art improvements and solutions
- Budget price & Lead time
Upon request

Nedschroef Machinery

Feel free to contact us

Call for more information:

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Global Service Manager

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Ready to upgrade? Let's get started

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nedschroefmachinery.com



built to
perform