HAMMELMANN®

Occupational safety redefined







TORAJET® CORE

The Ergonomic High-Pressure Gun

Stable stance

Greater safety

Reduced strain

Even force distribution

Increased performance and efficiency

Maximum mobility

TORAJET® CORE: THE ERGONOMIC HIGH-PRESSURE BLASTING GUN

Working with high-pressure water jets using hand-held lances for many hours is one of the most physically demanding activities. Particularly strenuous working positions—such as overhead work on ceilings—further reduce endurance. Recoil forces of up to 250 N demand a high degree of strength and concentration from operators over long periods of time; the necessary recovery phase after a shift is correspondingly intense, which, however, has a negative impact on productivity.

Numerous ergonomic studies show that reducing static holding forces and optimizing force transmission ergonomically significantly lower the physical strain on users and demonstrably lead to less muscle fatigue, greater endurance, and a reduced risk of improper loading. At the same time, operators' ability to concentrate improves—a crucial factor for safe work in high-pressure environments.

Nevertheless, working under extreme pressure requires full attention at all times and a strong sense of responsibility.
To provide users with the best possible support, we at Hammelmann have expanded our range of work aids to include the Torajet® Core. In combination with the intelligent xPro safety module and our personal protective equipment, this creates a perfectly coordinated system for maximum safety, ergonomics, and prevention.







MOUNTING PLATE

The mounting plate on a certified and proven safety harness offers maximum comfort and distributes the forces of the Torajet® Core symmetrically to the center of the body. This enables particularly fatigue-free work as well as comfortable and safe handling of the gun.

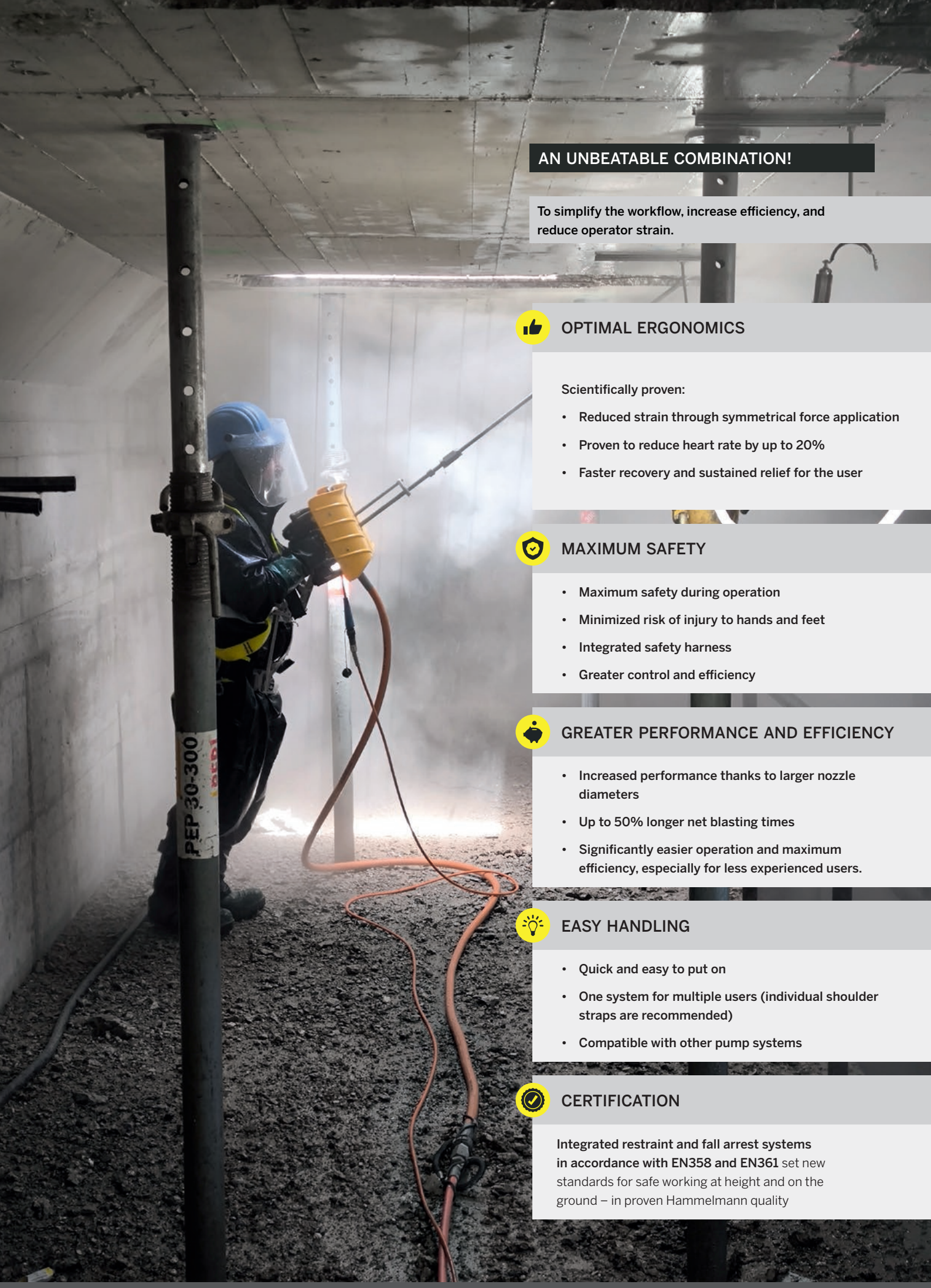
HANDLES + GUN

The Torajet® Core is securely guided with both hands using two separate handles. The integrated impact protection provides additional hand protection and ensures maximum safety and control during operation. The ergonomic design enables precise and energy-efficient operation even during long work shifts.

TORAJET® CORE

The result: maximum safety, noticeably reduced physical strain, and significantly higher efficiency in daily use. The intelligent combination of ergonomics, protection, and control allows the user to work with precision, minimal effort, and reduced fatigue.





AN UNBEATABLE COMBINATION!

To simplify the workflow, increase efficiency, and reduce operator strain.

OPTIMAL ERGONOMICS

Scientifically proven:

- Reduced strain through symmetrical force application
- Proven to reduce heart rate by up to 20%
- Faster recovery and sustained relief for the user

MAXIMUM SAFETY

- Maximum safety during operation
- Minimized risk of injury to hands and feet
- Integrated safety harness
- Greater control and efficiency

GREATER PERFORMANCE AND EFFICIENCY

- Increased performance thanks to larger nozzle diameters
- Up to 50% longer net blasting times
- Significantly easier operation and maximum efficiency, especially for less experienced users.

EASY HANDLING

- Quick and easy to put on
- One system for multiple users (individual shoulder straps are recommended)
- Compatible with other pump systems

CERTIFICATION

Integrated restraint and fall arrest systems in accordance with EN358 and EN361 set new standards for safe working at height and on the ground – in proven Hammelmann quality









CERTIFICATES

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- ISO 50001:2018
- ASME Certificate
- SIR Certificate
- Others

The free Hammelmann app
For iOS, Android and your browser

Water Jetting Calculator: hammelmann.de/app

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