

WATER JETTING ASSOCIATION

DEFINITIONS OF PRESSURE



The Water Jetting Association (WJA) has agreed to adopt the internationally-recognised NACE standards for the definition of water jetting pressures.

There are 4 levels of water jetting pressure, though the names given to them can vary according to industry sector and local usage. This document defines the pressures for the 4 levels, the WJA's preferred terminology to describe these pressures, and alternative terminology in common usage.

LOW PRESSURE WATER CLEANING

UP TO
207 bar
3,000 psi
20.7 MPa

ALSO CALLED

- Power Washing
- Pressure Washing

Some sectors class
Low Pressure as below
69 bar (1,000 psi)

HIGH PRESSURE WATER CLEANING

ABOVE
207 bar
3,000 psi
20.7 MPa

ALSO CALLED

- High Pressure
Washing

UP TO
680 bar
10,000 psi
68 MPa

ULTRA HIGH PRESSURE WATER JETTING

ABOVE
1,700 bar
25,000 psi
170 MPa

ALSO CALLED

- Ultra High Pressure
Hydro Blasting
- Ultra High Pressure
Water Blasting
- Ultra High Pressure
Hydrodemolition
- UHP Jetting

HIGH PRESSURE WATER JETTING

ABOVE
680 bar
10,000 psi
68 MPa

ALSO CALLED

- High Pressure
Hydro Blasting
- High Pressure
Water Blasting

UP TO
1,700 bar
25,000 psi
170 MPa

Need more information about water jetting pressures?

Please contact the WJA. We are here to assist members and other organisations that have an interest in water jetting.