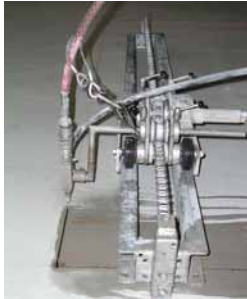


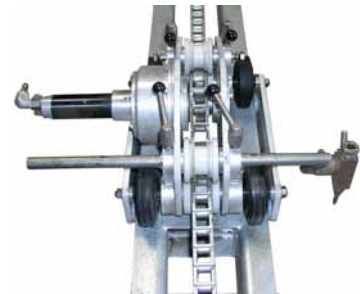
Abrasive jet cutting system max. 4000 bar for the construction and maintenance industries

Mobile abrasive jet cutting unit



The mobile abrasive jet cutting unit can cut plates, slabs and pipes made from a wide variety of materials.

The abrasive entrainment nozzle assembly is mounted on a pneumatically driven carrier trolley which runs on a tensioned guide chain. A constant traverse speed is guaranteed.



Nozzle carrier trolley

Nozzle carrier mounted on rail



Guide rail



Chain

To make straight cuts through flat materials the guide chain is attached to a 2m long guide rail.

Pipes of 400mm dia. and above are cut by fitting a chain tensioning trolley to the nozzle carrier trolley.

Lengths of chain can be added or removed to vary the overall length of the cut.

The carrier trolley speed is manually controlled by a pneumatic system. Cutting speed and positioning speed are individually controlled.



Carrier trolley with tensioning trolley

Abrasive jet cutting system

max. 4000 bar

for the construction and maintenance industries

Abrasive hopper

The system pneumatic control is mounted on the abrasive hopper. The hopper has an abrasive volume metering device and is connected to the abrasive entrainment nozzle by a 6m length of hose. This 6m length should never be exceeded.



Abrasive jet cutting system complete, operating pressure max. 4000 bar

consists of:

- Abrasive entrainment nozzle Type B 4000
- Nozzle carrier trolley
- Guide rail
- Chain tensioning trolley
- Chain
- Abrasive hopper (approx. 60 litre)
- Air hose (7 m long)
- Abrasive feed hose (6 m long)
- Pneumatic control unit

Abrasive material

Garnet

Type	Grain size [mm]	Application
HS 2	0,18 – 0,35	Steel
HS 5	0,50 – 1,00	Steel/ Concrete
HS 7	0,70 – 1,40	Concrete

Garnet

Type	Grain size [mm]	Application
HS 80	0,20 – 0,25	Steel
HP 220	0,075 – 0,10	Steel

