

BLASTMAN B20CX – Generation 4.0

ROBOT CONFIGURATION

| | | Range /m/° | Max. Speed | Type |
|--------|------------------------------|------------|------------|------|
| Axis 1 | Robot bridge Longitudinal | 5 - 100 m | 0,3 m/s | Lin. |
| Axis 2 | Arm/cabin carriage across | 3 - 35 m | 0,25 m/s | Lin. |
| Axis 3 | Rotation of the telescope | 360° | 18,7°/s | Rot. |
| Axis 4 | Arm/Cabin vertical (Telesc.) | 2 - 6 m | 0,26 m/s | Lin. |
| Axis 5 | Shoulder | 175° | 21,5°/s | Rot. |
| Axis 6 | Elbow | 225° | 19,9°/s | Rot. |
| Axis 7 | Arm head | 360° | 180°/s | Rot. |
| Axis 8 | Nozzle | 270° | 215°/s | Rot. |

OPERATION MODES

Manual
Automatic
Parameter based automatic

TEACHING METHODS

Teach In
PTP
Offline
Parameter based (option)

TECHNICAL

| | |
|----------------|------------------|
| Voltage | 380-500V 50/60Hz |
| Contr. voltage | 24 VDC |
| Sealing * | IP65 |
| Assembly | Roof Mounted |
| Weight ** | 5500 kg |

*Applies to electrics in the blast room

** Depends on width

FEATURES

Control

- Manipulator with robot features
- License for software updates
- PTP Teaching by teach pendant
- Offline teaching
- Automatic teaching in offline environment
- VPN connection for remote diagnostics and SW updates
- Remote process monitoring
- Control of blast room machineries

Convenience

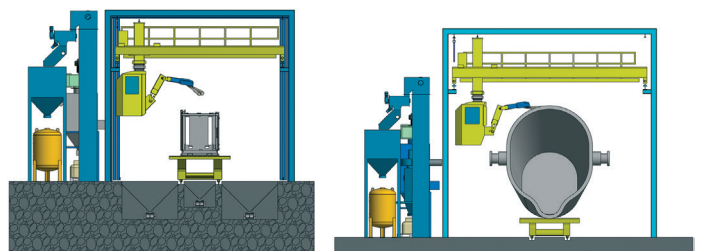
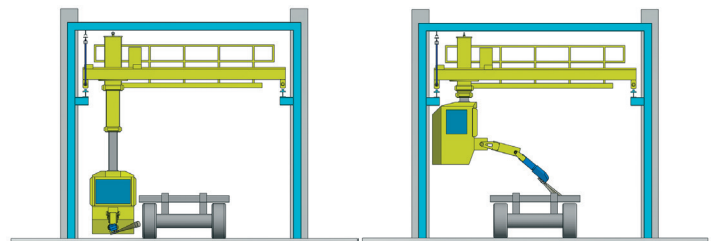
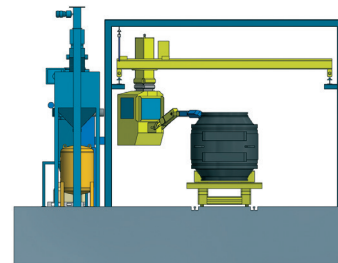
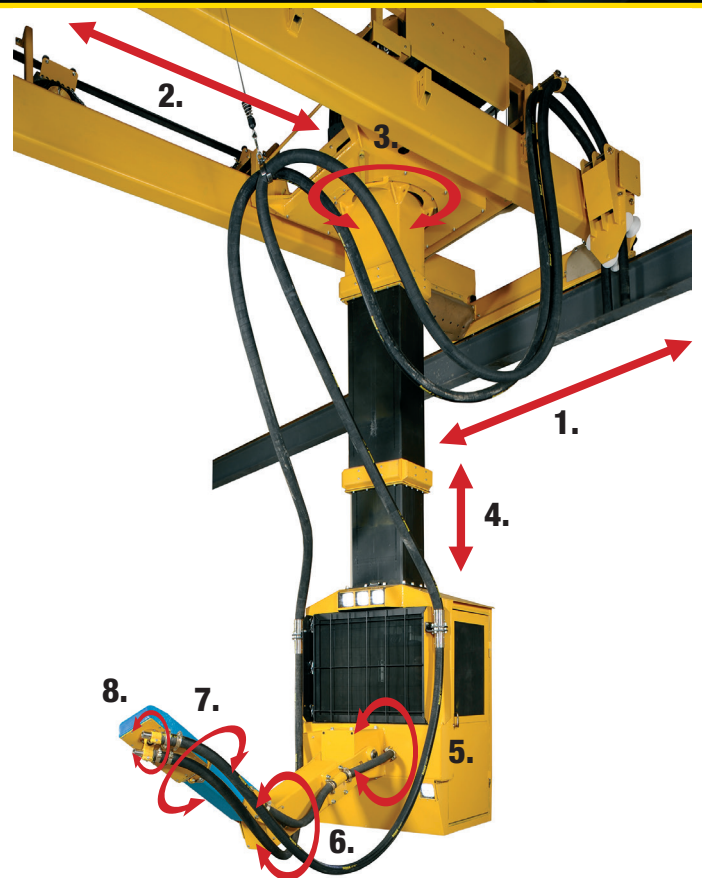
- AC in Control cabin
- Radio in Control cabin

Blast equipment

- Complete operational blast room
- Blast pot for robot
- Blast hose
- Blast nozzles

Other

- Rails for the robot
- Transfer car for the work piece
- Warranty extension
- Installation services



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