



**5-Lance Inside Bundle Cleaner (IBC-5)**





IBC and TLE together in a wash bay



IBC with extendable outriggers for easy loading/offloading



Easy adjustable pitch block for IBC and lance cleaning system

## 5-Lance Inside Bundle Cleaner (IBC-5)

In order to meet the challenges of the most demanding cleaning contractors worldwide, Peinemann developed the 5-lance IBC, one of the fastest tube ID cleaning machines in the world. The IBC is developed to be used at a wash pad or bundle cleaning bay and is the ultimate tool during shutdowns to clean all your bundles in the shortest possible time.

The operator can sit comfortably in the cabin while removed from the dangerous high pressure water and the contamination that can be found inside the bundles. Since the cabin stays fixed in the top position, the operator has a great view of the tube sheet.

For transport, the cabin frame is lowered and optionally we offer extendable outriggers that can raise the whole machine by 90 cm to load the IBC on a trailer without a crane.

The IBC is a hydraulic driven machine which is powered by a diesel engine or electric motor. There are 2 hydraulic cylinders with cables to move up or down and left and right. The lances are powered by a large hydraulic motor which drives 2 chains.





Each lance has its own supply of high pressure water by means of an 8mm ID hose to reduce pressure loss and maximize the volume of water.

The average cleaning speed is approximately 5000-7000 tubes per shift ( if you can supply enough bundles to keep the machine busy) and pass IRIS the first time.





## Advantages of the IBC-5 system

1. IBC can easily be loaded/offloaded with the use of the optional extendable outriggers
2. Easy adjustable pitch block for quick adjustment of the pitch
3. Rotation of the (optional) rollers from inside the cabin
4. Standard set of rollers consisting of 1 driven and 1 non driven roller
5. Special double rollers which don't need to be adjusted for larger or smaller bundles, both hydraulic driven
6. LED working lights
7. Bundle lifter with a bundle for cleaning by IBC
8. Bundle lifter picking up a bundle from rollers
9. IBC with standard short outriggers
10. IBC cleaning bundle with heavy asphalt deposits
11. Air cooled diesel engine with spark arrestor, hose reel with 5 x 8 mm HP hoses and hydraulic end switch

## Inside Bundle Cleaner

### Technical specifications

- Weight  
4500 kg (9900 pounds)
- Height (transport mode)  
236 cm (93")
- Width  
220 cm (86")
- Length  
1150 cm (452")
- Min. height lances  
60 cm (24")
- Max height lances  
210 cm (83")
- Max width of lances  
150 cm (59")
- Max. working length  
930 cm (374")
- Lance speed  
0 - 1 m/sec (0 - 39" /sec)
- Pitch of the lances  
22 mm - 45 mm (0,86" - 1,77")
- Lance bed movement  
60 cm (24")
- Recommended water pressure  
1000 bar (max. pressure 1500 bar) (20.000 psi)
- Recommended flow  
180 - 200 l/min (45 - 55 GPM)
- Outriggers  
30 or 90 cm (optional) (1 foot or 3 feet)
- Min pitch  
22 mm - 45 mm (0,85" - 1,77")
- Oil tank  
120 liter (30 Gallons)
- Forward thrust  
300 kg/lance (standard) (660 Pounds)
- Pump (gear)  
14 cc + 2.2 cc
- Engine  
Silent pack HATZ diesel Mod. 2L41Ckg
- Number of cylinders  
2
- Cubic Capacity  
1,716 cc
- RPM  
1.500 rpm
- Horse power  
33 Hp
- Cooling system  
air (optional water cooled)

**Peinemann Equipment**

See also  
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