



# Equipment Specifications

For further information: Email: [tsoffice@aol.com](mailto:tsoffice@aol.com)  
[www.ttsurveys.com](http://www.ttsurveys.com)

## Hamworthy 4<sup>TH</sup>190W70 High Pressure Air Compressor (Electric Driven)

*The Hamworthy 4<sup>TH</sup>190w70 is a high pressure water cooled compressor with 4 stages, 2 cranks and a dry sump pressure lubrication system.*

*Featuring a low lift concentric valve and generous inter-stage cooling to minimize the amount of absorbed power, this results in very efficient machine.*

*Setup to run in fully automatic mode and featuring a simple modular construction, it enables low and easy maintenance.*

### Specifications

**Stroke:** 70 mm

**Number of Stages:** 4

**Cylinders:** 4

**Capacity:** 295 m<sup>3</sup>/hr (175 cfm)

**Pressure:** 227 Bar

**Shaft Kw:** 86.8

**Main Supply:** 380/440V – 3Ph – 50/60Hz

**Control Supply:** 110V – 1PH – 50/60Hz

**Inlet air temperature range:** 0 C to 45 C

### Motor Drive

**Type:** Direct Coupled

**Power Requirement:** 95 Kw at 1480 rpm

**Supply:** 380/440V – 3Ph – 50/60Hz

### Water Cooling System

**Seawater:** 218 L/Min

**Max Inlet Temp:** 32 oC

**Heat Dissipation:** 78.1 Kw

**Maximum Seawater Inlet Pressure:** 7.0 Bar g

**Inlet/Outlet Connection:** 1.1/2" BSP Female

### Dimensions & Weight:

Compressor mounted in Standard 10ft Shipping Container

**Length:** 9FT10 (2.99M)

**Width:** 8FT (2.44M)

**Height:** 8FT6 (2.59M)

**Weight:** 6.5tonnes

