

**MINIMUM SPECIFICATIONS FOR UNDERDECK PTO AIR COMPRESSOR**

Quantity of one (1) Boss Model 80100-UHBI (8G) hydraulic drive under deck air compressor(s) to include the following as standard equipment:

- Boss oil flooded, rotary screw air-end designed to produce up to 100 CFM @ 110 PSIG continuously.
- |                            |               |               |               |               |                |
|----------------------------|---------------|---------------|---------------|---------------|----------------|
| <u>Delivery @ 110 psig</u> | <u>35 cfm</u> | <u>45 cfm</u> | <u>75 cfm</u> | <u>85 cfm</u> | <u>100 cfm</u> |
| Flow @ 2400 psig           | 7.8 gpm       | 9.8 gpm       | 15.8 gpm      | 17.5 gpm      | 20.3 gpm       |
- Side-by-side gear set incorporated into air-end to achieve conservative engine speeds and greatest ground clearance.
- Two-year, unlimited hour, warranty on the air-end.
- Remote mount horizontal oil receiver tank with filler port and lubricant level sightglass. Exterior shell of vessel to be welded so as to be one piece. Bolt-on lids or end plates not acceptable. Tank must be ASME approved.
- Self-contained remote mount separator element with easy access spin-on housing. No exceptions.
- Constant speed load controller for automatic modulation of inlet valve to match air demand.
- Remote mount, self-contained, aerodynamically designed cooling package with automatic thermal sensing control to ensure proper operating temperatures.
- Replaceable spin-on compressor lubricant filter with safety bypass and 25-micron rating.
- Remote mount two-stage, dry-type air intake filter with replaceable filter and gravity evacuator.
- Instrumentation to include: hour meter, compressor lubricant temperature gauge, and air pressure gauge.



- Hoses, fittings, electrical wire, and hardware necessary for standard installation and operation.
- Safety devices to include: minimum pressure device, compressor lube hi-temp and hi-pressure safety system, automatic blowdown device, high-pressure relief valve, and necessary warning and information decals.
- Operation, parts and maintenance manual.
- Installation by factory authorized and trained distributor.