# MINIMUM SPECIFICATIONS FOR BOSS INFINITY 35 HYDRAULICALLY DRIVEN ROTARY SCREW AIR COMPRESSOR

Quantity of one (1) Boss Model BOSS INFINITY 35 to include the following as standard equipment:

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| **COMPRESSOR** | |
| ***Type:***  Above deck, hydraulically driven air compressor | |
| ***Capacity:***  Up to 35 CFM @ 175 PSIG continuously | |
| ***Hydraulic Requirements:***  Delivery @ 110psig 13.5gpm 1500psig  Delivery @ 150psig 13.7gpm 1800psig  Delivery @ 175psig 14.0gpm 2100psig | |
| * Boss encapsulated 35 CFM belt driven rotary screw air compressor prefilled with Shield Works synthetic compressor lubricant * Hydraulic motor to be an aluminum housing and gear type * Recommended minimum hydraulic reservoir size 30 gallons plus any other hydraulic equipment requirements * Compressor is belt-driven * Compressor to incorporate an easy oil drain whip hose for oil changes | |
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| * ***Instrumentation:*** System incorporates an air pressure gauge and digital hour meter * ***Recommended Air Line Feed:*** 200 psi 3/4” air feed down stream of Infinity 35 air out is required * The manual is to include operation, maintenance, and warranty information * ***Finish:*** Aluminum powder coat enclosure for reduced weight and rust prevention * ***Circuit Protection:*** Automatic protective circuits provided for high temperature, optional high pressure, system blow down and relief valve for system over pressurization * 10 deg. Maximum operating slope in any direction * ***Hydraulic Control:*** Hydraulic manifold block with built in relief and solenoid valves. Ports sized for appropriate hydraulic hose connections | |
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| ***Hydraulic Cooler:***   * Integrated hydraulic system cooler designed to handle compressor hydraulic oil flow * Cooler core to be independent of compressor oil cooler and incorporated inside compressor housing | |
| ***Cooling:***   * Ambient running conditions: -20 to 110 deg-f. Cooling air intake must not see air temperatures above ambient * Cooling air discharge must have 10” clearance from any obstructions | |
| **WARRANTY** | |
| * Lifetime air end warranty with continued use of ShieldWorks lubricant and adhering to preventative maintenance schedule. See warranty statement. | |
| **INSTALLATION OF AIR STORAGE TANKS** | |
| * This rotary screw air compressor system is designed to provide continuous volume and constant pressure without the use of an air storage tank * Within a few seconds of engagement, the compressor will produce full volume and pressure needed to run corresponding air operated equipment without waiting for air tanks to fill * Air storage tanks are not utilized as standard equipment on vehicle mounted rotary screw compressors * The installation of air storage tanks, if not done properly, will hinder the performance of the rotary screw compressor * Boss Industries LLC. strongly discourages the use of an air storage tank as standard equipment for vehicle mounted rotary screw air compressors * In the rare event air usage is required without operating the vehicle, an air storage tank can be added to your system * When adding an air storage tank, be sure to follow all state and federal DOT regulations regarding air storage tank usage | |
| **PACKAGING** | |
| Weight (Dry) | Does not exceed **200 lbs** |
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