# 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 1500psigDelivery @ 150psig 13.7gpm 1800psigDelivery @ 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
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| ***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
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| **WARRANTY** |
| * Lifetime air end warranty with continued use of ShieldWorks lubricant and adhering to preventative maintenance schedule. See warranty statement.
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| **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
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| **PACKAGING** |
| Weight (Dry) | Does not exceed **200 lbs** |
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