



# MODEL 80100

***UBI PTO Drive Underdeck  
Rotary Screw Air Compressor***

***When you utilize a Boss PTO air  
compressor on your crew trucks . . .  
you gain a decisive edge!***

**BOSS®**

The Leader in Rotary Air Compressor Technology.

Because the PTO air compressor components become an integral part of the vehicle and are mounted below the bed, it offers many advantages you cannot get when using conventional air compressors.

**HERE ARE A FEW EXAMPLES:**

**Frees up the tow hitch.**

Since the Boss PTO air compressor is mounted within the frame, you will not need an additional vehicle to tow a trencher, backhoe or other piece of trailer equipment to the job site.

**Takes up no bed space.**

Because the components that make up the Boss PTO air compressor are mounted under deck, valuable bed space is not lost.

**Light weight.**

So light, at less than 285 lbs, that valuable load capacity is not affected even on smaller 10,000 GVW class trucks.

**Only one engine to maintain.**

The vehicles engine is the only one to maintain. No need to worry about your compressor starting once at the job site...if the truck is running, so will the Boss 80100-UBI air compressor. Simplifies preventive maintenance since you already need to service the trucks engine anyway.

**Fewer parts.**

Fewer components make maintaining the Boss PTO air compressor much simpler compared to its towable or cross-mount counterparts.

**Mobility.**

Since the Boss PTO is neatly mounted within the framework of the chassis, mobility through congested traffic areas is not a problem. Theft is also reduced, out-of-site is out-of-mind.

**Cost efficient.**

Your cost is generally lower than buying a comparable sized portable compressor. There is no need for additional licensing fees or insurance for an additional piece of equipment.

**How it works.**

Advanced design allows you the option to choose any CFM output up to 85 CFM with just one model. Simply adjusting the engine speed control the compressor will produce up to 85 CFM continuously. Once the PTO is engaged, engine torque and horsepower are transmitted to the air compressor via a properly sized tubular drive shaft. The speed control for the compressor modulates according to air demand, which offers fuel savings, as well as, reduces wear and tear on the vehicles engine. When the job is complete, simply disengage the PTO and continue to the next job site.

# SPECIFICATIONS

## MODEL 80100-UBI (SIDE-MOUNT)\*:

### COMPRESSOR:

Delivery @ 110 psig**	30 CFM	45 CFM	60 CFM	85 CFM
Input speed to compressor shaft (RPM)	960	1395	1815	2530
Fluid capacity (gallons)	2.2	2.2	2.2	2.2

Note: input speeds may vary depending on chassis application.

## COMPONENTS

- Compressor air-end . . . .10" W x 8"H x 15"L
- Receiver sump . . . . .10" dia x 20" L
- Spin-on coalescer . . . . .5" dia x 13" H
- Front mount cooler assembly\*\*\* . . . . .1 1/2"W x 18"H x 24 1/2"L
- Gauge package . . . . .4 3/4"W x 3"H x 8"L
- Weight (dry) . . . . .285 lbs

\*Hydraulic drive option available. Consult factory.  
 \*\*125 and 150 PSIG available. Consult factory.  
 \*\*\*Remote mount 12v DC cooler assembly available. Consult factory.

