

FEATURES AND BENEFITS

100% CAST-IRON CYLINDERS, CYLINDER HEADS CONNECTING RODS, AND HIGH PRESSURE PISTONS

More cast-iron for longer service life.

- Two-stage cast-iron pump is significantly more durable than pumps with aluminum components
- Deep-finned cast-iron cylinders and heads for cool operation
- Industry-leading cast-iron cylinders high-pressure pistons for extreme durability
- Ductile iron crankshaft is stronger, more corrosion-resistant and less likely to break

QUALITY COMPONENTS

Built to last for superior compressor life.

- High-flow, heavy-duty stainless steel channel valve system delivers more cfm per horsepower
- Precision-fit, industrial-grade main roller bearings support all rotating parts for longer pump life
- Robust intercooler increases compressor efficiency
- Oil level sight glass is conveniently located for easy monitoring
- Metal intake filter/silencer is superior to plastic

VALUE-MINDED INDUSTRIAL DESIGN

Robust performance at a lower cost.

- Provides higher pressures and longer life than single-stage pumps
- Follows the same world-class quality design standards as other FS-Curtis products
- Slow turning pump increases pump life
- Robust design sets the CT Series apart from comparable entry-level models

SIMPLEX COMPRESSORS

Standard Features

- Magnetic motor starter
- Cast-iron 2-stage pump built to ISO 9001 standards (except for 230/1 CT5 units equipped with motor thermal overloads)
- Slow speed pump with V-belt drive
- Rugged NEMA motor with UL-approved electric design
- ASME air tank
- OSHA-approved totally enclosed metal belt guard
- UL-approved pressure switch
- Automatic start-stop control
- Metal intake filter/silencer
- Manual tank condensate drain valve
- Dial read-out pressure gauge
- Loadless starting
- ASME-approved safety valve
- ASME-approved discharge valve
- Factory oil filled



GAS-DRIVEN COMPRESSORS

Standard Features

- Heavy-duty 100% cast-iron pump construction for dependable operation
- Slow speed design for extended life
- OSHA-approved totally enclosed metal belt guard
- ASME-approved air receiver
- 12V DC starter with alternator
- Engine idle control
- ASME-approved discharge valve

TECHNICAL DATA

ELECTRIC MODELS

MODELS	HP	PUMP	CFM (@175psi)	CONFIGURATION	TANK (Gal.)	DIMENSIONS (LxWxH-In.)	WEIGHT (Lbs.)
CT5*	5	CT55	15.9	Vertical	60	34 x 24 x 74	475
CT5*	5	CT55	15.9	Vertical	80	33 x 27 x 73	515
CT5	5	CT55	17.8	Vertical	80	33 x 27 x 73	515
CT7.5	7.5	CT75	24.2	Vertical	80	36 x 27 x 73	573
CT10	10	CT75	29.7	Horizontal	120	74 x 25 x 53	833

*Note the CT5 units, which are equipped with motor thermal overloads, do not require a mag starter

GAS-DRIVEN MODELS

MODEL	HP	ENGINE	PUMP	CFM (@175psi)	TANK (Gal.)	DIMENSIONS (LxWxH-In.)	WEIGHT (Lbs.)
CT13-H	13	Honda	CT75	24.8	30/60	42 x 21 x 45.5	460
CT14-K	14	Kohler	CT75	25.4	30	50 x 24 x 43	486