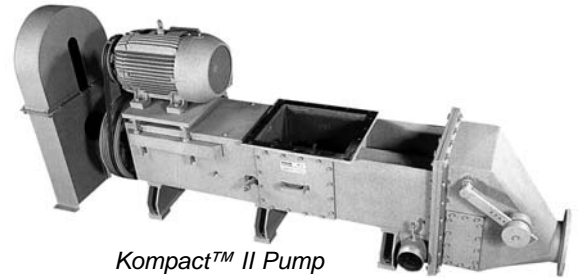
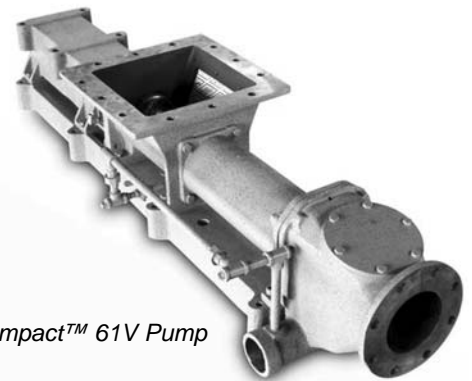


APPLICATION:

Fuller-Kinyon™ Kompact™ pumps are used to pneumatically convey dry pulverized materials such as portland cement, lime stone, bentonite, various ceramic clays and other materials at rates up to 3300 cu.ft./hour (93 m³/hour). The pumps are ideally suited for intermittent operating applications with a limit of 20 psig conveying line pressure for the Kompact II Pump and 12 psig conveying line pressure for the 61V Kompact Pump. Various mechanical or manual loading and distribution methods can easily be replaced with this totally enclosed, dust-free pneumatic conveying system. Thanks to a low silhouette and short profile, the pump is ideally suited for hopper-bottom car unloading.



Kompact™ II Pump



Kompact™ 61V Pump

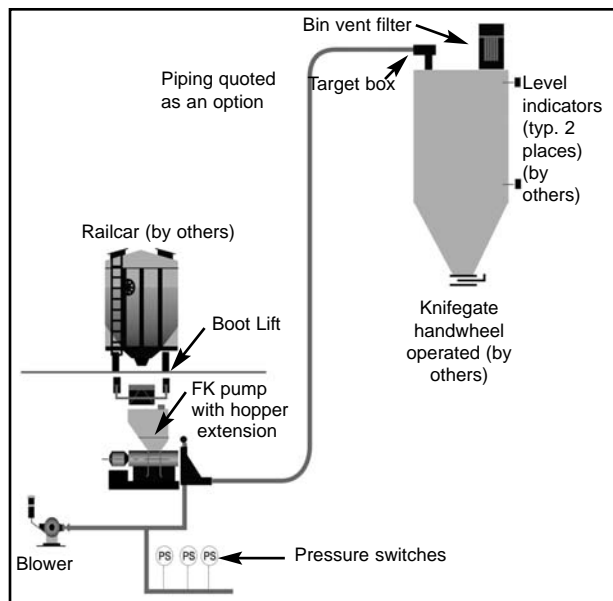
- Pneumatically conveys dry, pulverized materials including portland cement, limestone, bentonite, ceramic clays and more
- Requires only low-pressure, low-velocity air supply to meet large throughput capacity
- Provides low-cost alternative to heavy-duty pumps
- Ideally suited for hopper-bottom car unloading

SPECIFICATION:

Fuller-Kinyon Kompact pumps require only a low-pressure, low-velocity air supply to efficiently meet its large throughput capacity. Material to be discharged from a hopper bottom rail car enters the pump hopper through a boot lift rail car connection by gravity and is advanced through the barrel by a dynamically balanced impeller screw which is driven through a V-belt drive arrangement with an overhead mounted drive motor.

Typical Material Characteristics

- Must be dry and free-flowing
- 100% passing 50 mesh
- 75% passing 100 mesh
- 60% passing 200 mesh
- 45% passing 325 mesh



As the material advances through the barrel, it is compacted by the decreasing pitch of the screw flights. It is further compacted by the space between the terminal flight of the screw and the discharge check valve disc to create the material seal. (This seal serves as the air lock to prevent the conveying air from blowing back through the barrel.)

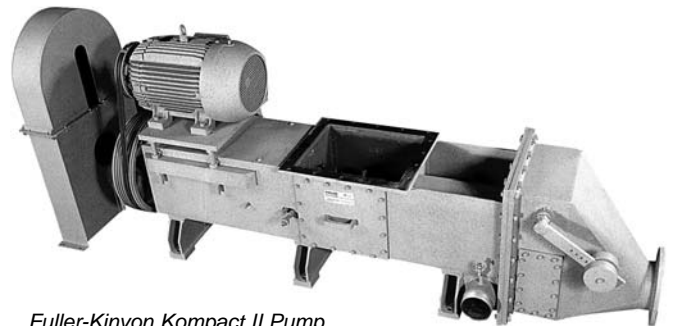
The material then enters the mixing chamber, where it is fluidized by compressed air introduced through air nozzles. From there, the material and air mixture enter the transport pipe.

FULLER-KINYON™ KOMPAKT™ II PUMP

APPLICATION:

The Fuller-Kinyon Kompact II pump incorporates the latest design features of the Fuller-Kinyon line of pumps. Its two-piece screw design reduces maintenance and provides greater stability during operation.

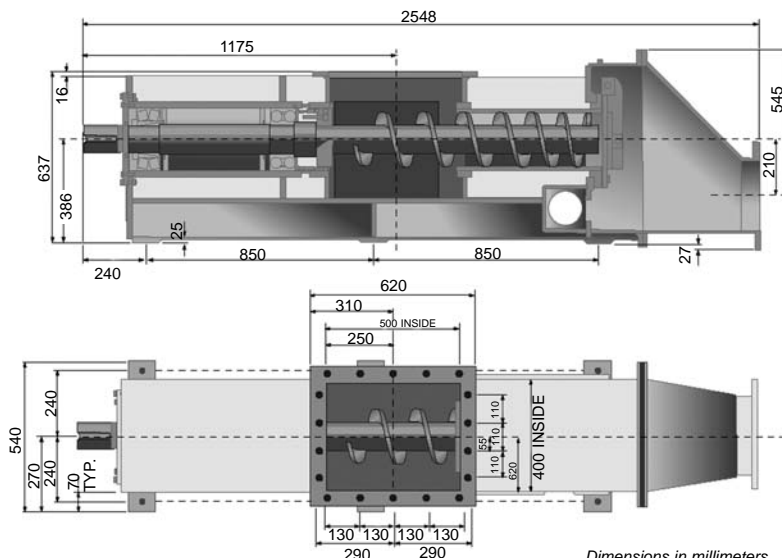
- Newest pump technology
- Totally fabricated steel design
- Capacities up to 3,300 ft³ /hour
- Reduced pump footprint
- Lighter weight
- Fewer parts
- Low pressure operation
- Ideal for rail car unloading



Fuller-Kinyon Kompact II Pump

SPECIFICATION:

The Fuller-Kinyon Kompact II Pump is steel fabricated, consisting of a hopper leading into a barrel section. Material enters the pump from a bin or hopper-bottom car outlet. The material is advanced into the barrel section by an impeller screw, and is compacted by the decreasing pitch of the screw flights. The material is then fluidized by air introduced from a low-pressure positive displacement blower, and travels throughout the conveying line to the discharge point.



Dimensions in millimeters

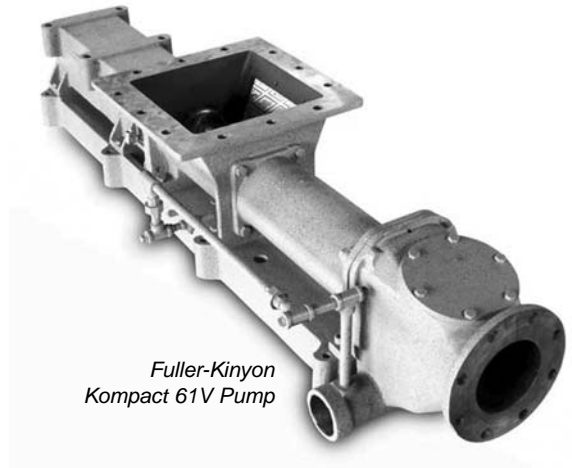
Fuller-Kinyon Kompact II Pump

The Fuller-Kinyon Kompact II Pump provides these benefits while maintaining reliability and quality:

- Increased capacity
- Reduced replacement part cost
- Reduced pump footprint
- Lighter weight, fewer parts

FULLER-KINYON™ KOMPACT™ 61V PUMP

- Proven reliability since 1961
- Heavy-duty cast iron
- Minimum maintenance
- Totally enclosed, dust-free
- Installed directly under hopper bottom railcar
- Cast iron design
- V-belt drive flexibility
- More than 45 years experience
- Capacities up to 1160³ ft hour
- Suited best for railcar unloading
- Low pressure operation
- Dust-free



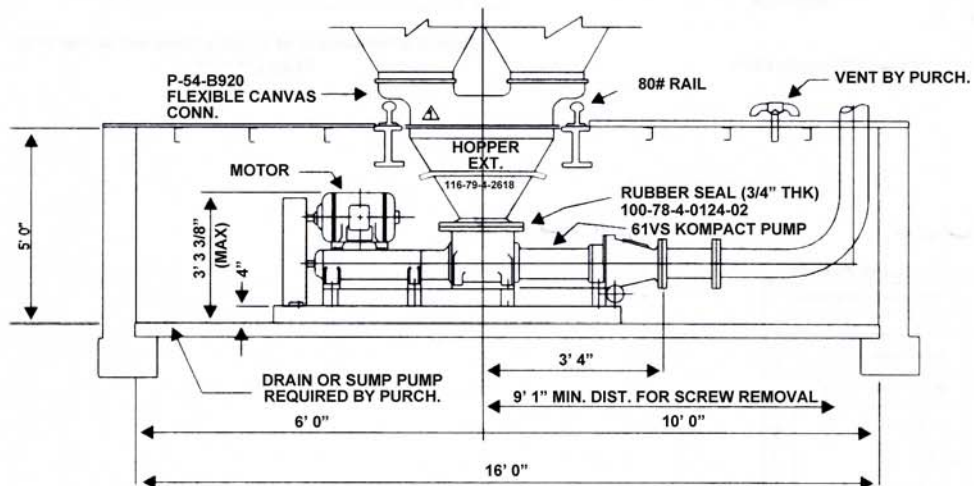
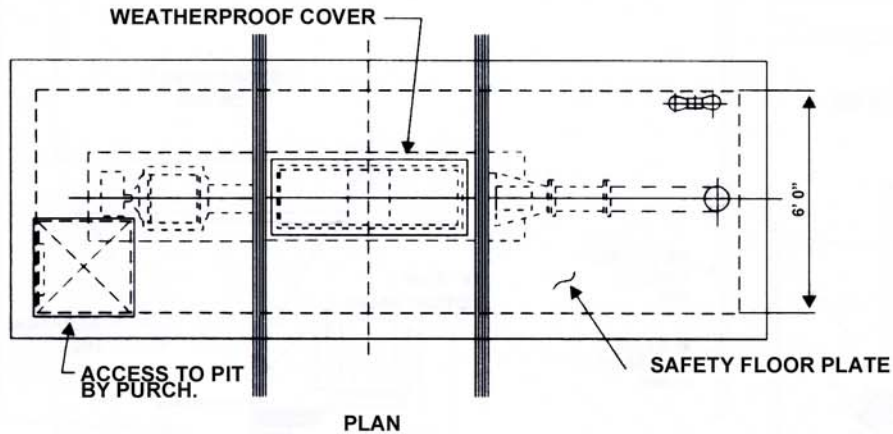
Package No.	Max. Dist. (feet)	Conv. Line (inches)	Cap Tons/Hr.*	Pump Motor HP	Blower Motor HP
MODEL 61V BIN UNLOADING V-BELT DRIVE					
1	125	4"	9	20	25
2	75	4"	18	20	25
3	150	5"	26	20	40
5	125	5"	37	20	30
6S	75	5"	43	20	30
7S	125	5"	43	25	30
8S	125	6"	54	30	60
MODEL 61VL BIN UNLOADING - VERTICAL LIFT, V-BELT DRIVE					
21	40	5"	43	10	15
23S	40	6"	69	15	20
FULLER-KINYON KOMPACT II SPECIFIED BY PROJECT					

* Charts based on Type I or Type II Portland cement, 3400 Blaine. FLSmith representative to advise rated capacity when conveying material other than Portland cement.

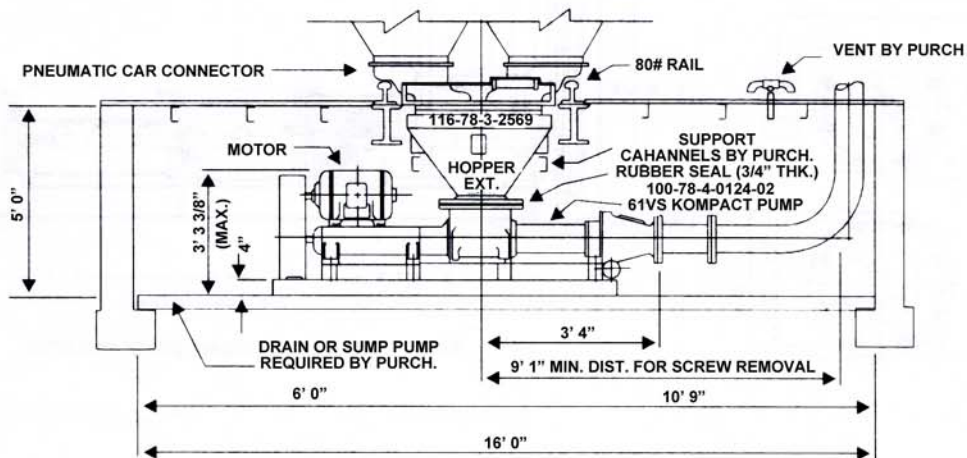
FULLER-KINYON™ KOMPACT™ II PUMP

FOR RAILCAR UNLOADING

61VS KOMPACT PUMP

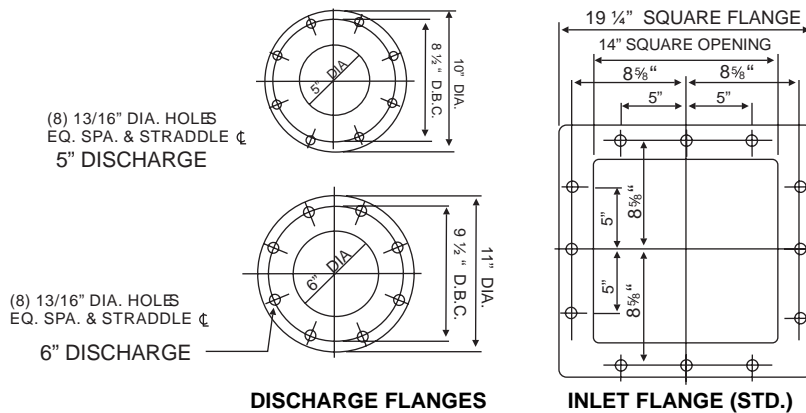
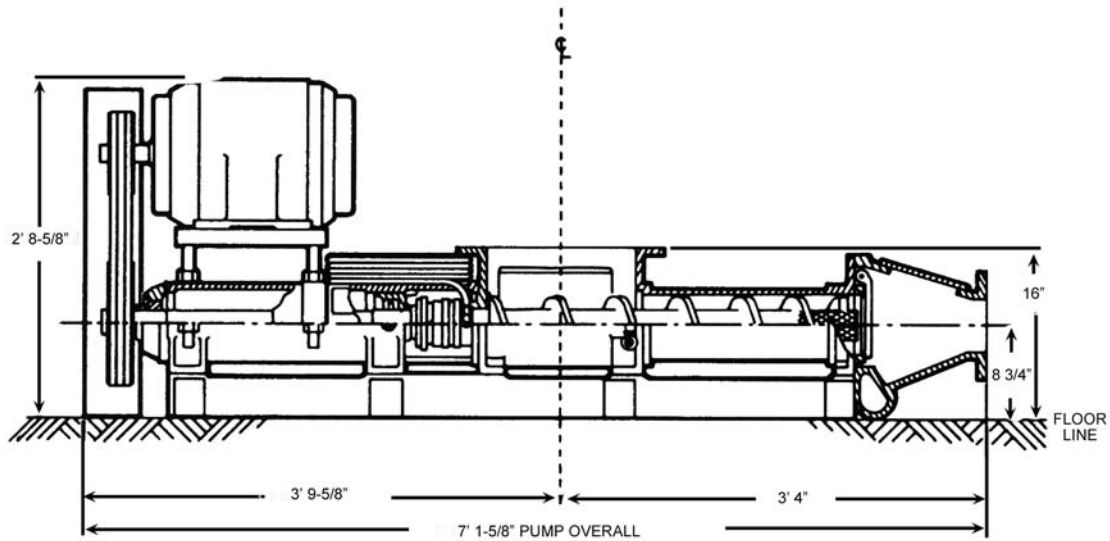


61 VS KOMPACT PUMP WITH FULLER® FLEXIBLE CAR CONNECTOR



61 VS KOMPACT PUMP WITH PNEUMATIC CAR CONNECTOR

STANDARD DIMENSIONS AND SIZING



NOTES: Model 61V and 61VL Kompact pumps include pump complete with open motor, v-belt drive and guard, non-return valve; and blower complete with open motor, base, relief valve, pressure gauge, filter silencer, and air piping accessory package.

All standard Kompact pumps supplied with straight-away discharge.

* Charts based on Type I or Type II Portland cement, 3400 Blaine. FLSmidth representative to advise rated capacity when conveying material other than Portland cement.

Above applications are for 0 to 2000 ft. (0 to 610 m) elevation. Higher elevations require resizing and special motor pricing.

Special order options available on request.