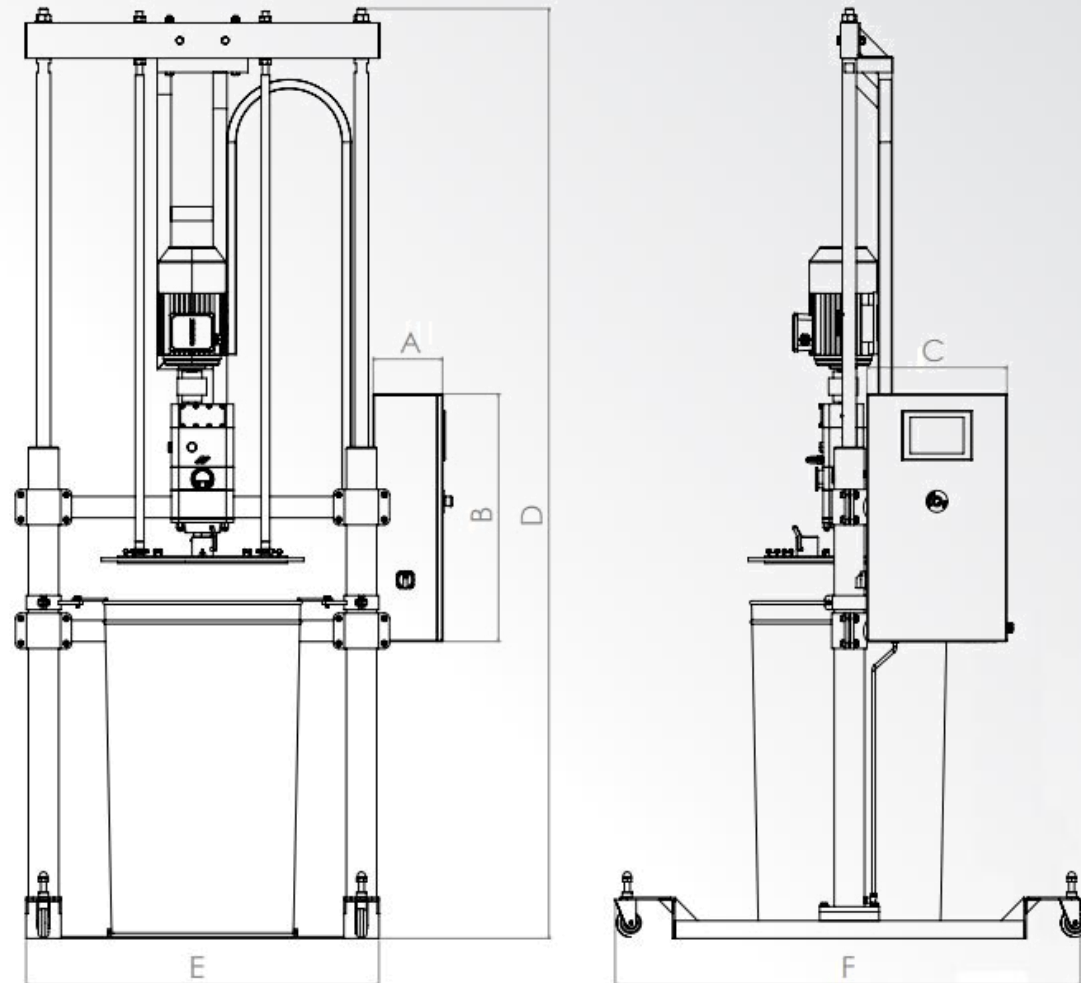


BARREL EMPTYING SYSTEM

DIMENSIONS

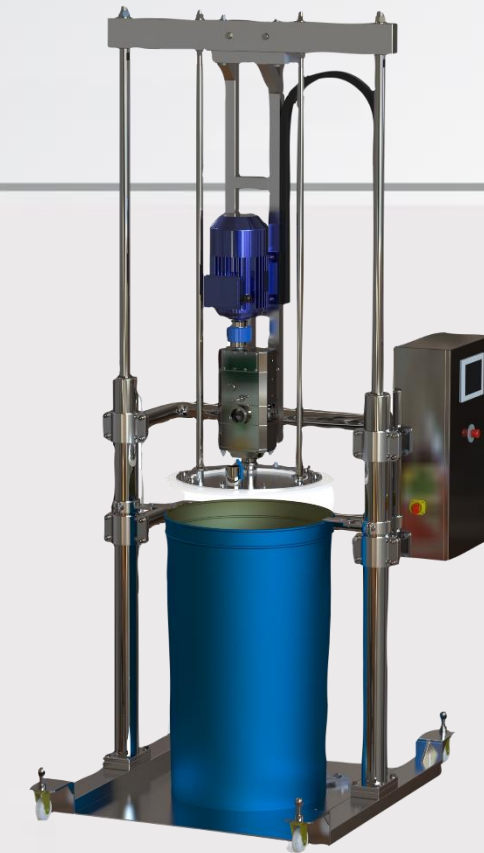
A	B	C	D	E	F
200	700	400	2630	1010	1330



⚠ At Piston Down

D
1757

BARREEMPTYING SYSTEM



YOUR SOLUTION PARTNER

BARREL EMPTYING SYSTEM

APPLICATION

» Flussmann Barrel Emptying System is a hygienic product to be used in food&beverage, chemical, cosmetic and pharmaceutical industries for low or high viscosity products. System works on base of volumetrically conveying Flussmann Progressing Cavity Pump, which creates vacuum under the follower plate and that vacuum causes certain pressure on the material in barrel, so that pump can have a constant suction.

DESIGN AND FEATURES

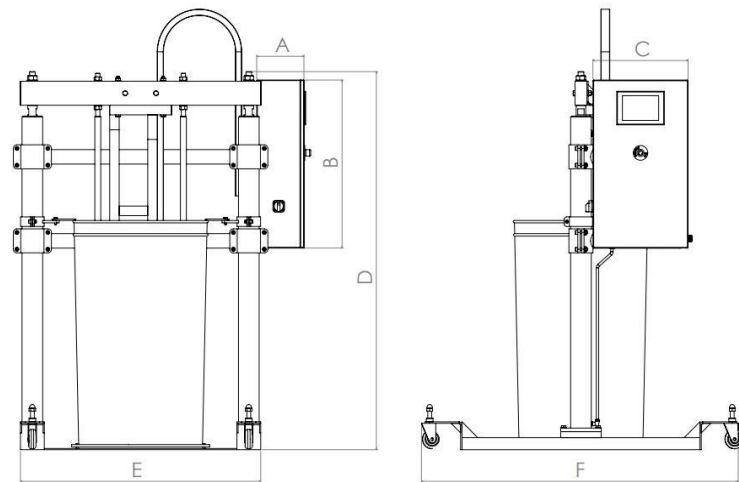
» Maximum Pressure: 10 Bar
» Temperature range: -10 to 120 (Viton) »
Maximum Speed : 3000 rpm (50 Hz)

WORKING PRINCIPLE

» The system is equipped with a follower plate with silicon wiper which perfectly cleans the sides of the drum, leading to a minimum product waste of less than 1 %. Barrel Emptying system is controlled easily by HMI screen. The pistons in system works with double-acting principles. The system is brought to desired to the position by directing the air going to the piston with the help of valves. After setting the follower plate to the top of the drum, the pump starts. This caused by the weight of the system and the vacuum effect of the pump.

MATERIALS

PUMP
» Parts in contact with the product Stainless steel AISI 316 »
Other steel parts Stainless steel AISI 304 (1.4301)

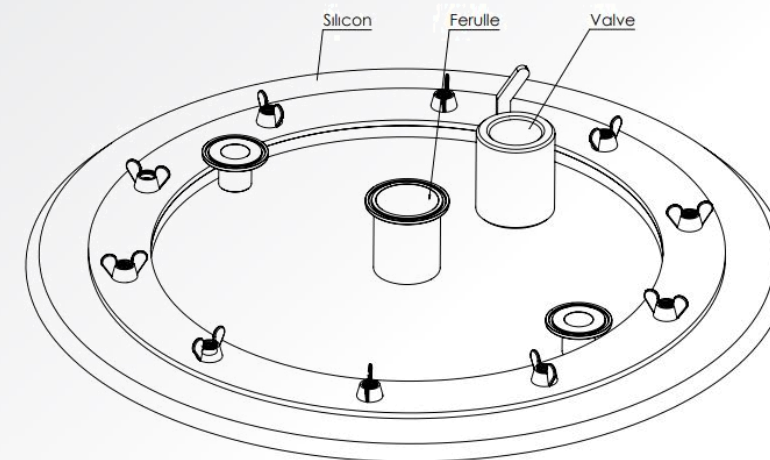


BARREL EMPTYING SYSTEM



HMI touch screen

- ✓ Full stainless steel
- ✓ Simple to use HMI colour touch screen control
- ✓ Low maintenance
- ✓ Energy efficient electric motor drive
- ✓ Variable speed drive enables full speed control for both product and CIP duties
- ✓ Safety Transportable
- ✓ Minimum product waste of less than 1 % (follower plate)



Follower plate

