



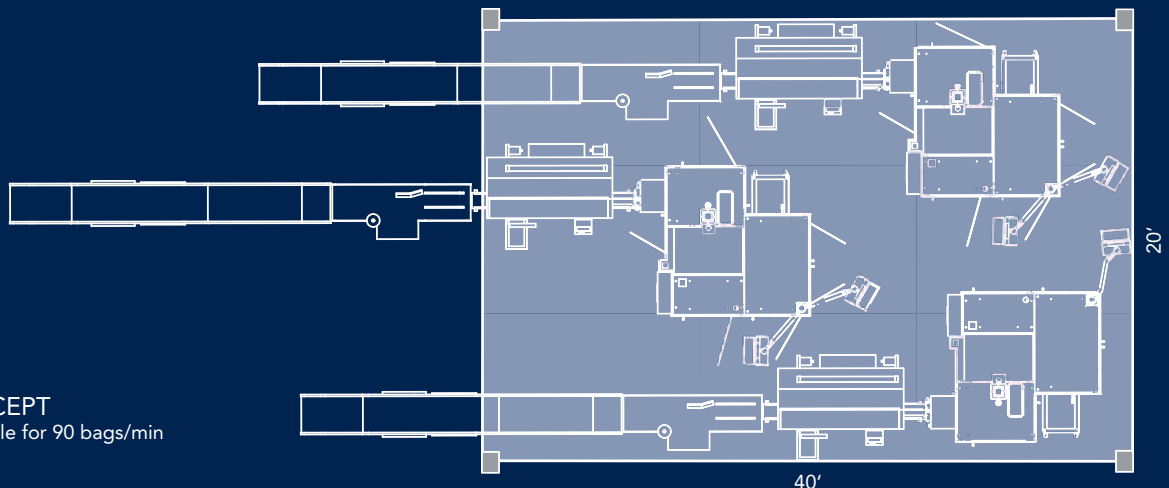
FILLING SYSTEMS, INC.

TOPLINE® 2000

The HAVER TOPLINE® 2000 is a sophisticated machine designed to fill pre-fabricated laminated open-mouth bags made of paper, PE or PP at high capacities. It is particularly suitable for granulated products, such as pet food, rice, seed, salt, fertilizer, plastic pellets, etc.

Your advantages:

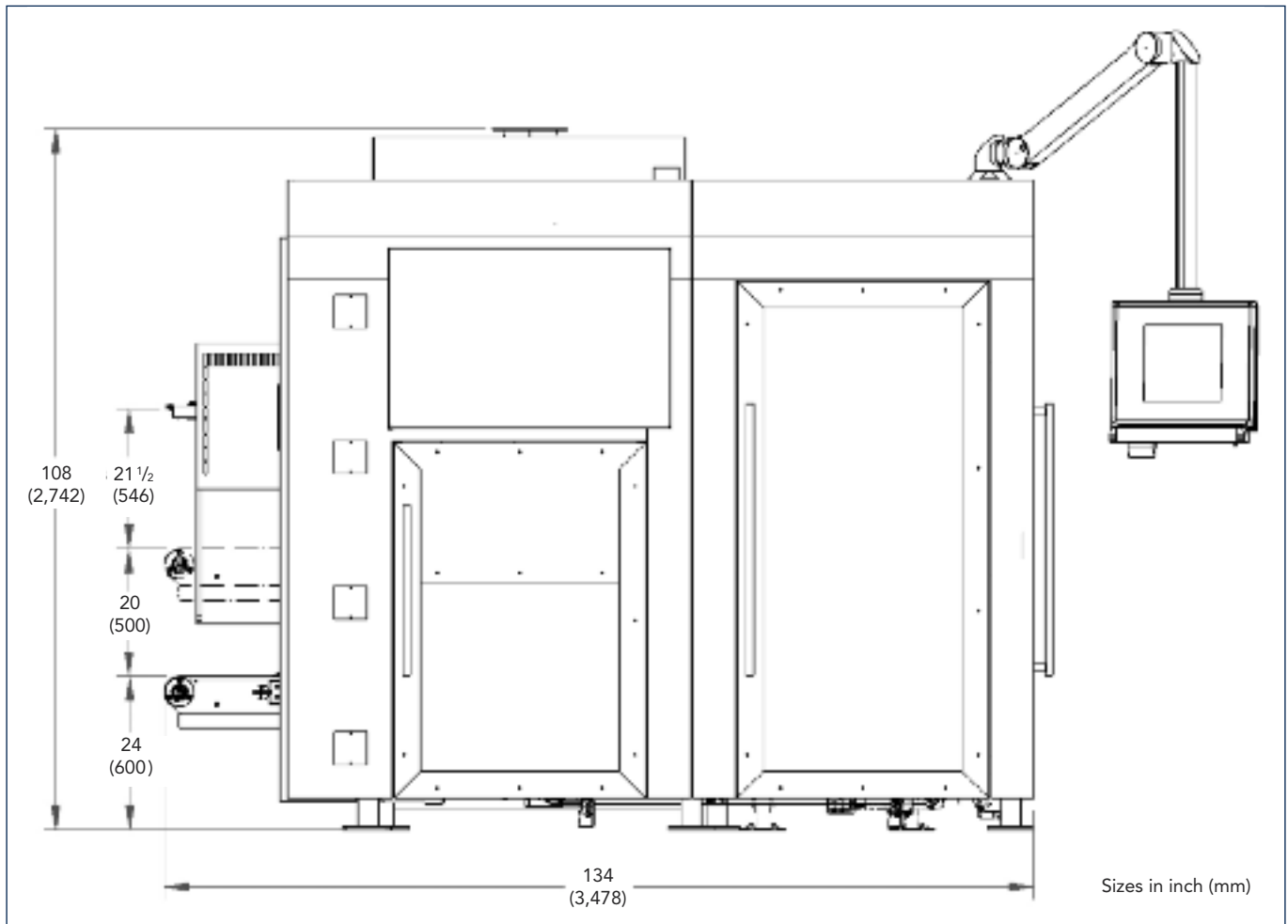
- Increase in capacity
 - One filling machine for up to 1,800 bags per hour using just one filling spout and up to 2 net weighers.
- Cost efficiency
 - Reduced footprint while keeping high packing rates
 - Low energy demand by using the braking energy
 - Low material consumption due to reduced bag overlaps
 - Short commissioning times (Plug 'n Pack)
- Operator convenience
 - Two operator displays for easy sitting or standing operation
 - E-commerce (HMI)
 - Low-noise operation
 - Easy machine access
 - UL conform
 - High safety standards





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Sizes in inch (mm)

TECHNICAL DATA

Products	Granulated products, e. g. pet food, animal-feed, rice, sugar, etc.	Electricity/pneumatic:	
Machine capacity	30 bags/min (1,800 bags/h) with one filling spout	Operating voltage *	460 V +6% -10% / 3 Ph
Bag Types	Pre-fabricated laminated open-mouth bags made of paper, PE or PP	Frequency	60 Hz ±1 %
Bag sizes	Width: approx. 13" – 20" (330 mm to 510 mm)	Control voltage	24 V AC
	Length: approx. 23 1/2" – 39 1/2" (600 mm to 1,000 mm)	Capacity	approx. 10 kW (14 hp)
	Gusset: approx. 1 1/2" – 3 1/2" (40 mm to 90 mm)	Amperage	25 Amp
Quick format change due to automatic bag size adjustment		Protection	IP54
Bag weights	22 lbs – 55 lbs (10 kg to 25 kg)	Insulation class	F
Foot print (WxL)	134" x 114" (3,403 mm x 2,895 mm)	PLC	Allen Bradley or SIEMENS
Weight	11,900 lbs (5,400 kg)	Air consumption	41 scfm (70 m ³ /h)
		Dedusting air	590 scfm (1,000 m ³ /h)
		Instrument air pressure	80 psi (5,5 bar)
		* Other voltages available	