

# KFORCE

AUTOMATIC STRETCH WRAPPING SERIES



[www.kes-usa.com](http://www.kes-usa.com) | 419-878-9727





## **CAM** Corner Anticipation Mode

As a unit load rotates on a turntable or a wrapper arm rotates around a unit load, the stretch film feed rate needs to adjust to varying demands caused by the shape of the unit load. Sides of a unit load have a decrease in film demand and corners have an increase in film demand.

Corner Anticipation Mode (CAM) is Kaufman Engineered Systems' proprietary technology that allows the stretch wrapper to feed film to the unit load in a method which provides a more even distribution of film during the wrap process. The benefits; less film tear outs on pallet corners, sharp edges, and uneven loads. Using CAM, unit loads which are unstable, tall, or very light can be wrapped without adding equipment, such as a hold down. Finally, CAM can assist in maximizing the containment force required for unit load stretch wrapping.

If you're confronted with problems or challenges in your stretch wrapping process, if you're looking to improve the efficiency of your stretch wrapping lines, or need to lower your unit load wrapping costs, contact Kaufman Engineered Systems.



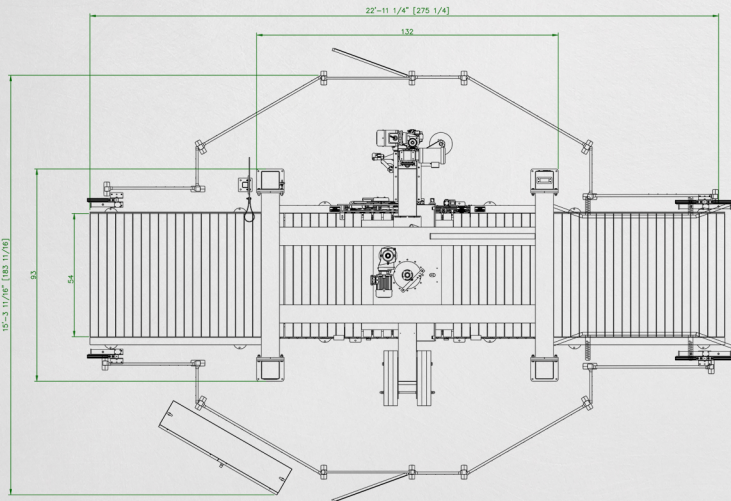
Ver. 21-1

Contact Kaufman at [Info@KES-USA.com](mailto:Info@KES-USA.com) or 419-878-9727  
to Add The KForce Wrapper to Your Automation Production Line

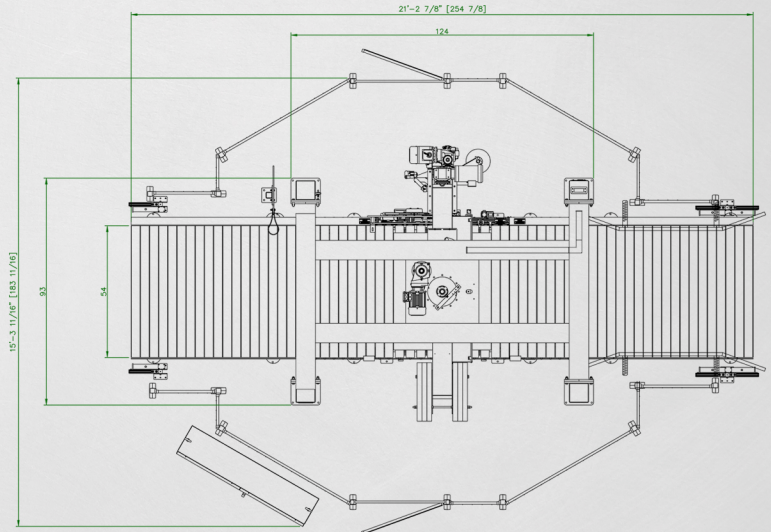


## Stretch Wrapper Layouts

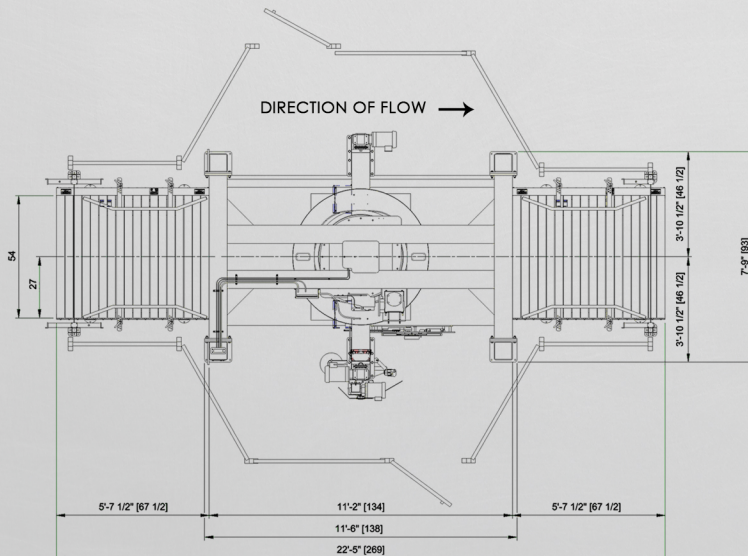
**KForce R20**  
Rotary Arm Wrapper  
44" x 56" Pallet



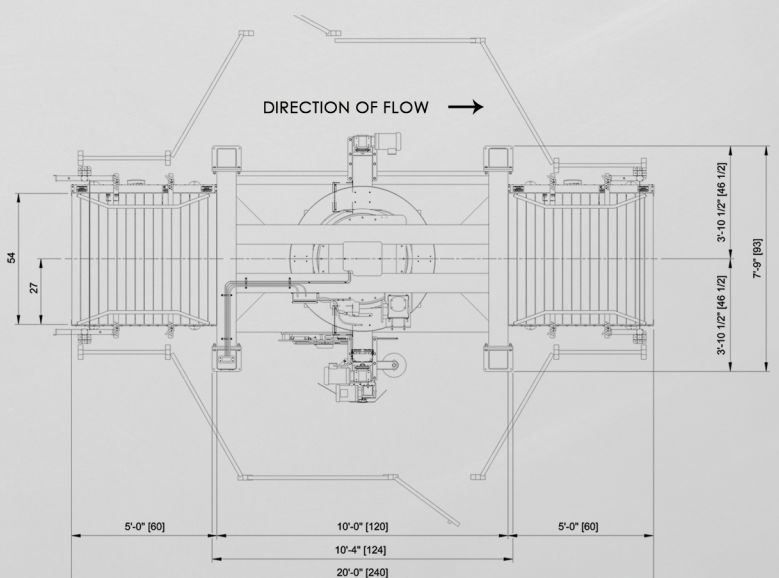
**KForce R20**  
Rotary Arm Wrapper  
40" x 48" Pallet



**KForce R35**  
Rotary Arm Wrapper  
44" x 56" Pallet



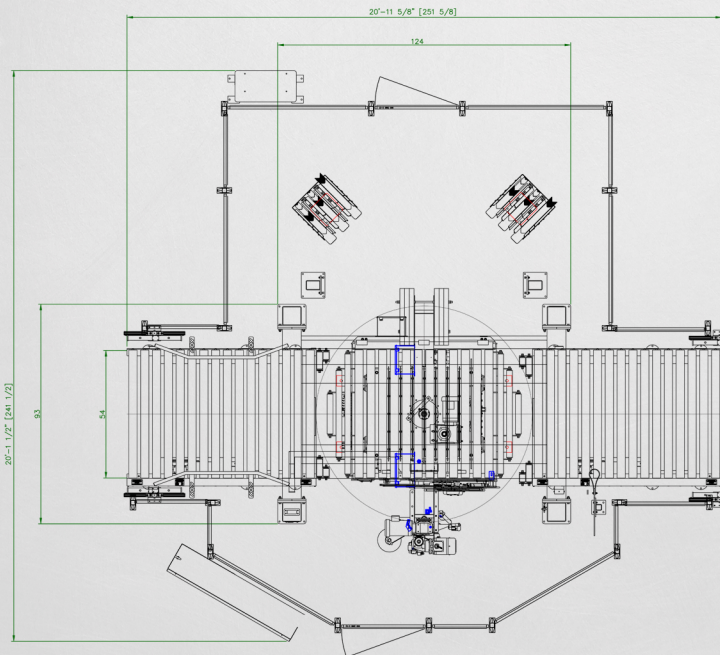
**KForce R35**  
Rotary Arm Wrapper  
40" x 48" Pallet



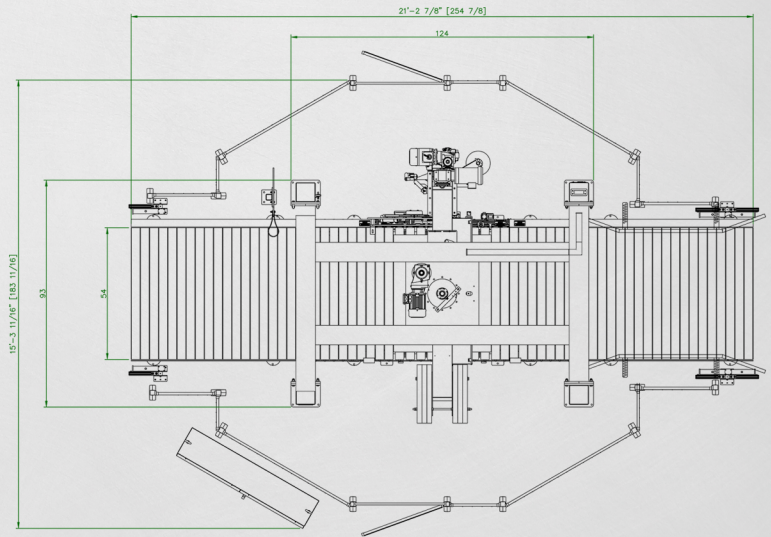


## Stretch Wrapper Layouts

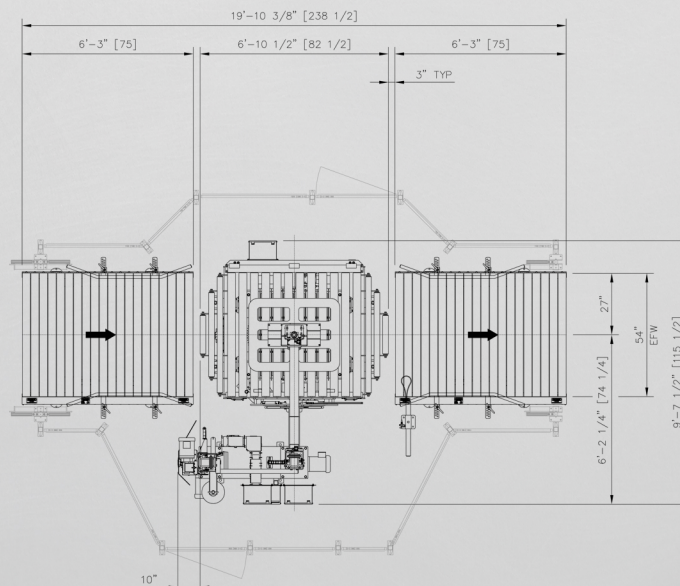
**KForce R20C**  
Rotary Arm Wrapper  
Robotic Cornerboard Application  
40" x 48" Pallet



**KForce R35C**  
Rotary Arm Wrapper  
Robotic Cornerboard Application  
40" x 48" Pallet



**KForce T20**  
Turn Table Wrapper  
40" x 48" Pallet

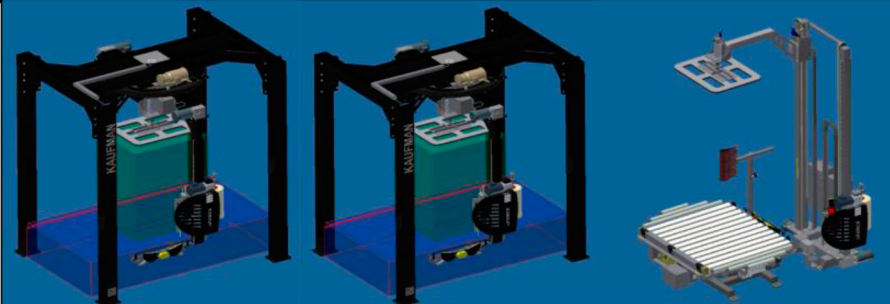






# KAUFMAN

## ENGINEERED SYSTEMS

		MODEL			
			KFORCE R20 ROTARY ARM WRAPPER	KFORCE R35 ROTARY ARM WRAPPER	KFORCE T20 TURN TABLE WRAPPER
SPECIFICATIONS		SPEED	20 RPM	35 RPM	20 RPM
		RATED LPH (BASED ON 8 WRAPS, 60 FPM CONVEYOR SPEED)	70	95	60
		LOAD SIZE MAX (L x W x H)	44" x 56" x 110" (FOR ADDITIONAL SIZES KES REVIEW)		
		LOAD SIZE MIN (L x W x H)	36" x 40" x 18" (FOR ADDITIONAL SIZES KES REVIEW)		
		FILM SIZE	20" TO 30" ROLL WIDTH		
		HOLDDOWN	OPTIONAL		
		PRESTRETCH	0-300%		
		CORNERBOARD	OPTIONAL		
		DRY WEIGHT (SHIPPING WEIGHT)	6400 LBS	6600 LBS	4500 LBS
		FILM CUT	QUICK CHANGE IMPULSE HOT WIRE		
		C-A-M	OPTIONAL		
		SAFETY	CATEGORY 3		
		LOW FILM NOTIFICATION	STANDARD		
		LUBRICATION	CENTRAL		
MACHINE DESCRIPTION		ARM DRIVE	AB POWERFLEX 525 (2) HP 20" CONE DRIVE	AB POWERFLEX 525 (3) HP 37" ROTEK GEAR BEARING	AB POWERFLEX 525 (2) HP 37" ROTEK GEAR BEARING
		FILM ELEVATOR	AB POWERFLEX 525 (2) HP SPRING TENSIONED CHAIN DRIVE		
		PRESTRETCH	AB POWERFLEX 525 (1) HP POSITIVE CHAIN DRIVEN STRETCH ROLLERS		
		FRAME	8" x 8" TUBE		6" x 6" TUBE
		HOLDDOWN (OPTIONAL)	AB POWERFLEX 525 (1) HP SPRING TENSIONED CHAIN DRIVE		
CONTROLS		ENCLOSURES	HOFFMAN		
		PLC	AB LOGIX FAMILY		
		HMI	AB PANELVIEW PLUS SERIES		
		DISCONNECT	AB RIGHT HAND FLANGE STYLE		
STANDARD COMPONENTS	MECH.	MOTORS	NORD, BALDOR		
		GEARBOX	NORD GEARMOTER, DODGE TIGEAR		
		VALVES	NUMATICS		
		PHOTOEYES	EFFECTOR		
		LIMIT SWITCHES	ALLEN BRADLEY		
	ELEC.	SAFETY GATE SWITCHES	FORTRESS "T" GUARD		