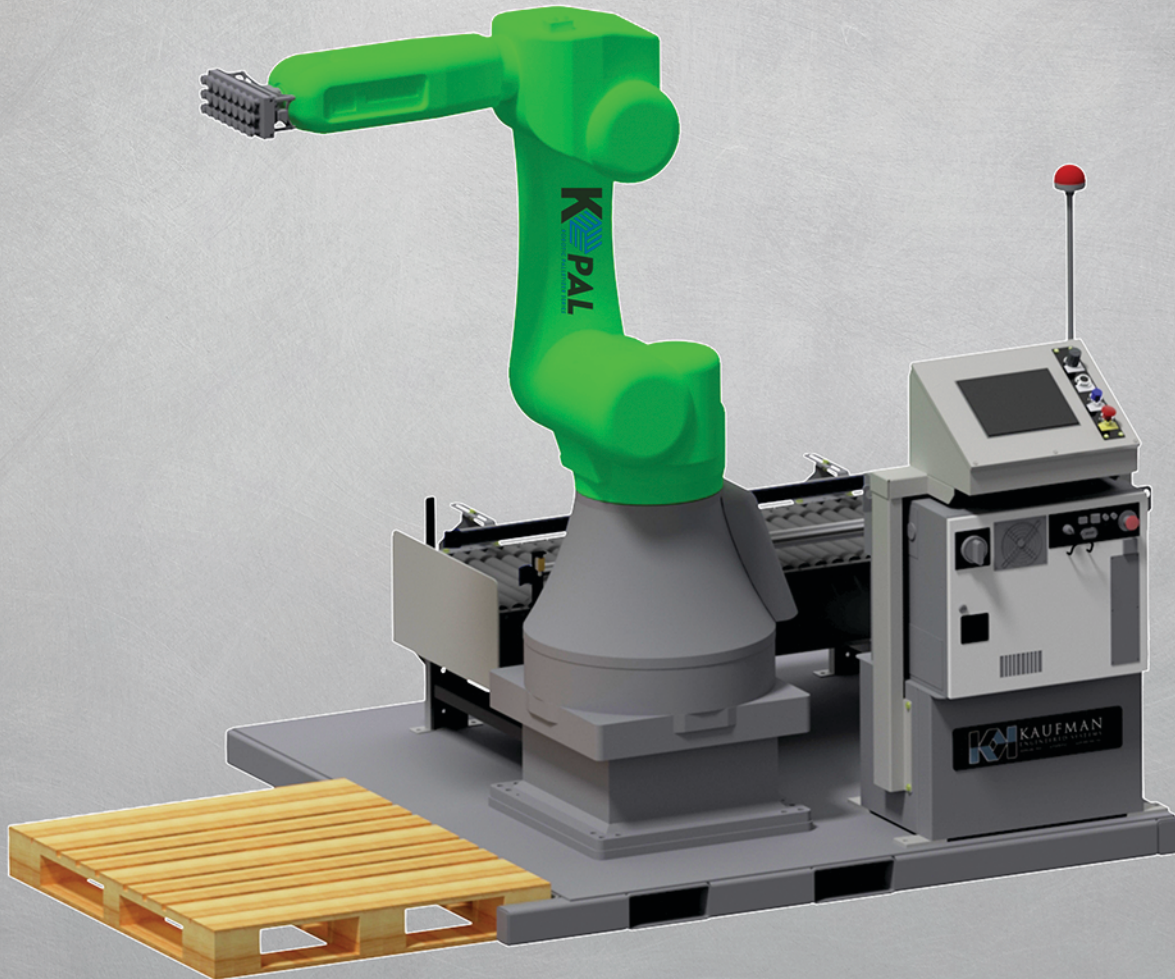




KAUFMAN

ENGINEERED SYSTEMS



KPAL CBV COLLABORATIVE PALLETIZING SYSTEM

Contact Kaufman at Info@KES-USA.com or 419-878-9727
to Learn More About the Compact Robotic System

www.KES-USA.com
Info@KES-USA.com

YouTube

in

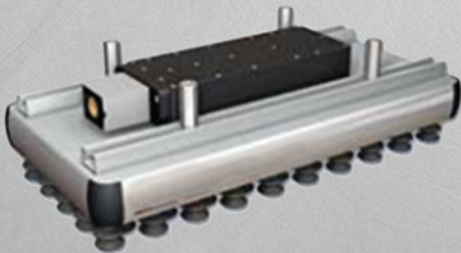
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Automated with
Rockwell
Automation



FANUC CR-35iA

- 6 controlled axis
- 25 kg max wrist load capacity
- 1831 mm max reach
- 480 volt, 3 phase, 60Hz
- Teach pendant



Vacuum Gripper End of Arm Effector

- Light weight aluminum housing
- Integrated energy saving venturi
- 1.5 bellows suction cups
- 33 mm diameter natural rubber cups
- Vacuum gauge

Infeed Conveyor

- 5' TGW 24v conveyor with 24" zones
- Customer specify TOR 18-36"
- MDR Rollers - 1.9" rollers on 3" centers
- One side adjustable, one side fixed roller side guides





KAUFMAN

ENGINEERED SYSTEMS

SYSTEM STANDARDS:

Red Lion HMI

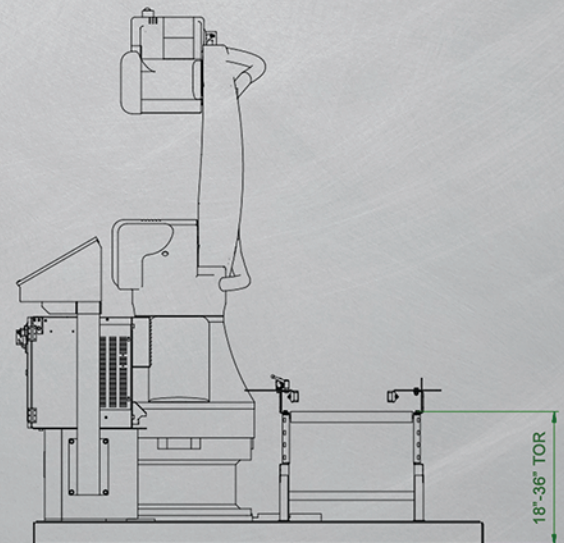
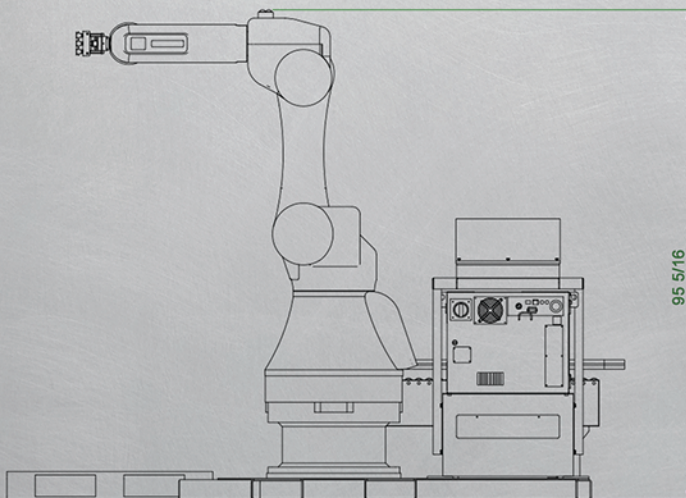
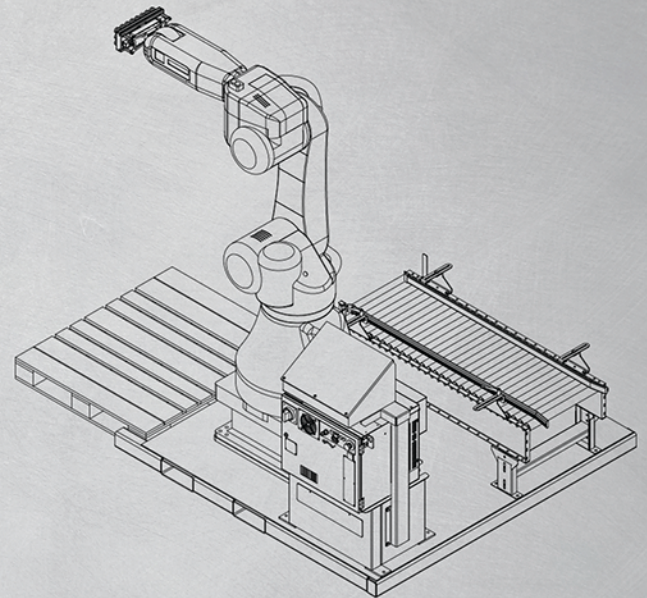
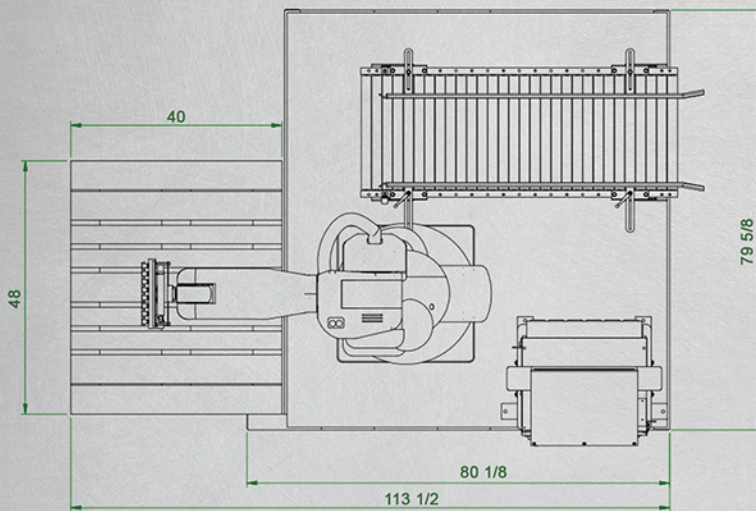
- 10.4 touch screen
 - Unit load selection
 - Diagnostics
 - Help menus
- 4 operator push buttons:
 - Cycle start
 - Hold
 - Reset
 - Estop
- Single zone case pick
- Single heavy duty frame configuration
- Multi color LED Banner system status light

SAFETY FEATURES:

- Robot operating space limited by DCS
- Lockable main disconnect
- Lockable main air dump
- CAT 3 fence circuit

Specifications	Robot	Cr-35iA
	Speed - Cases per Minute	Max 5 CPM
	Mean time between failure robot	100,000 hrs
	Load Size (L x W)	40 x 48
	Unit Load Height	54"
	Case Size max (L x W)	20x20
	Case Size min (L x W)	7x7
	Case Height max	15
	Case Height min	5
	Max Case weight @ height	30 lbs @ 15" 35 lbs @ 13.5"
	Safety	Category 3
	Pallet types	CHEP or GMA
Standard Components	End of Arm effector	Vacuum
	Case infeed height (TOR)	18"-36"
	Red Lion 10.4 touchscreen	STD
	TGW infeed conveyor	22" bf
	Adjustable side guides	7"-20"
	Input Voltage	480 3Phz
	NEMA 12	Non-Wash Down

SYSTEM LAYOUTS



Kaufman Engineered Systems
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Waterville, Ohio 43566

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