

## • SHAFT

- Forged steel eccentric type

## • BEARINGS

- Spherical roller self-aligning type with straight bore pitman bearing
- Tapered bore main bearing
- Side-mounted bearing housings

## • FLYWHEEL

- Ductile iron 50" diameter
- Grooveless flywheel

## • PITMAN

- Cast steel design

## • BASE

- Low carbon steel fabrication
- Stress-relieved

## • TOGGLE

- Steep angle for increased production

## • SIDE LINERS

- Abrasion-resistant steel
- Two (3) piece bolt on

## • JAW DIES

- Manganese steel with machined back
- Multiple configurations available

## • ADJUSTMENT

- Hydraulic dual wedge
- Auto adjust tension rods

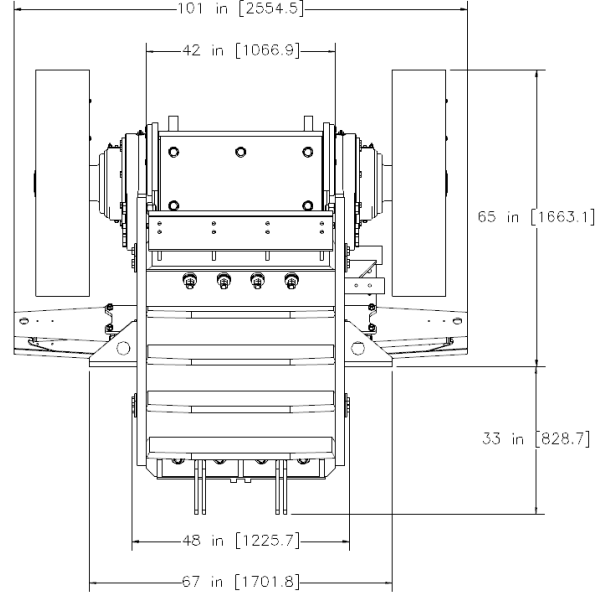
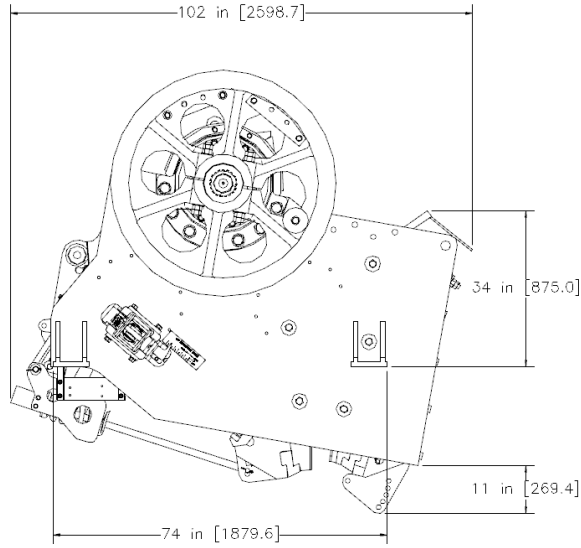
## • LUBRICATION

- Grease NLGI #2

## • Options

- 150hp TEFC electric motor at 1200 RPM
- V-belt drive (standard drive arrangement of left hand side viewing from tension rod unless specified)
- Receiving hopper
- V-belt guard

• CRUSHER DATA					
Jaw Feed Opening	27" Gap x 42" W (685mm x 1067mm)		Recommended Power	Diesel	190hp / 142kW
Moving Jaw Depth	53" / 1346mm			Electric	150hp / 112kW
Stationary Depth	49" / 1244mm		RPM	275 maximum	
Weight	Total Weight	29,500 lb. / 13,381kg	Stroke	1 1/4" / 31.8mm	
			Closed-Side-Setting	Upper Limit	2 1/2" / 64mm
				Lower Limit	5" / 127mm



2742 Jaw Operating Envelope					
Length.....	102" / 2599mm	Width.....	101" / 2555mm	Height.....	98" / 2492mm

2742 Jaw Peak to Peak Closed-Side-Setting - *Approximate Capacity						
Crusher Setting	in. mm	2 1/2"	3"	3 1/2"	4"	5"
			64	76	89	102
**Tons Per Hour	STPH	165	188	211	235	282
	MTPH	150	170	192	216	256

\*Capacity may vary as much as  $\pm 25\%$ . \*\*Based on material weighing 2700 lb. per cubic yard.

**Note:** Specifications are subject to change without notice.

Because KPI-JCI and Astec Mobile Screens may use in its catalog and literature, field photographs of its products which may have been modified by the owners, products furnished by KPI-JCI and Astec Mobile Screens may not necessarily be as illustrated therein. Also continuous design progress makes it necessary that specifications be subject to change without notice. All sales of the products of KPI-JCI and Astec Mobile Screens are subject to the provisions of its standard warranty. KPI-JCI and Astec Mobile Screens does not warrant or represent that its products meet any federal, state, or local statutes, codes, ordinances, rules, standards or other regulations, including OSHA and MSHA, covering safety, pollution, electrical wiring, etc. Compliance with these statutes and regulations is the responsibility of the user and will be dependent upon the area and the use to which the product is put by the user. In some photographs, guards may have been removed for illustrative purposes only. This equipment should not be operated without all guards attached in their normal position. Placement of guards and other safety equipment is often dependent upon the area and how the product is used. A safety study should be made by the user of the application, and, if required additional guards, warning signs and other safety devices should be installed by the user, wherever appropriate before operating the products.



700 W 21st. St., Yankton, SD 57078  
1-800-542-9311 Fax: 605-665-8858

Email: [mail@kpijci.com](mailto:mail@kpijci.com)  
[www.kpijci.com](http://www.kpijci.com)

Ref # - 354408 KPI2742 3/11/15 Rev 0