



K400 TERTIARY CONE PLANT LESS FEEDER/HOPPER



PLANT FEATURES	
PLANT CONFIGURATION	Diesel/Electric
AXLE CONFIGURATION	Triple Axle air bag suspension
TIRES	(12) 11:00 x 22.5 Dual Mounted w/Air Brakes
UNDERCRUSHER FRONT DELIVERY CONVEYOR	42" wide with 15 hp electric motor
UNDERCRUSHER FRONT DELIVERY CONVEYOR DISCHARGE HEIGHT	8' 0"
ALL BELTING	Grade 2, 3 Ply, 3/8" Top, 1/2" Bottom, Grade 1 Rubber
BELT CLEANER	Martin ClearChoice
DIESEL ENGINE	Caterpillar C-15 540 hp w/Transfluid Hydraulic Clutch
DIESEL BAGHOUSE	Pulse cleaning air-intake
FUEL TANK	500 gallons
GROUND SUPPORTS	Hydraulic with oversized bases
PLATFORMS	Cone and diesel access
DUST SUPPRESSION	Complete with manifold, filtration, and on-plant shutoff

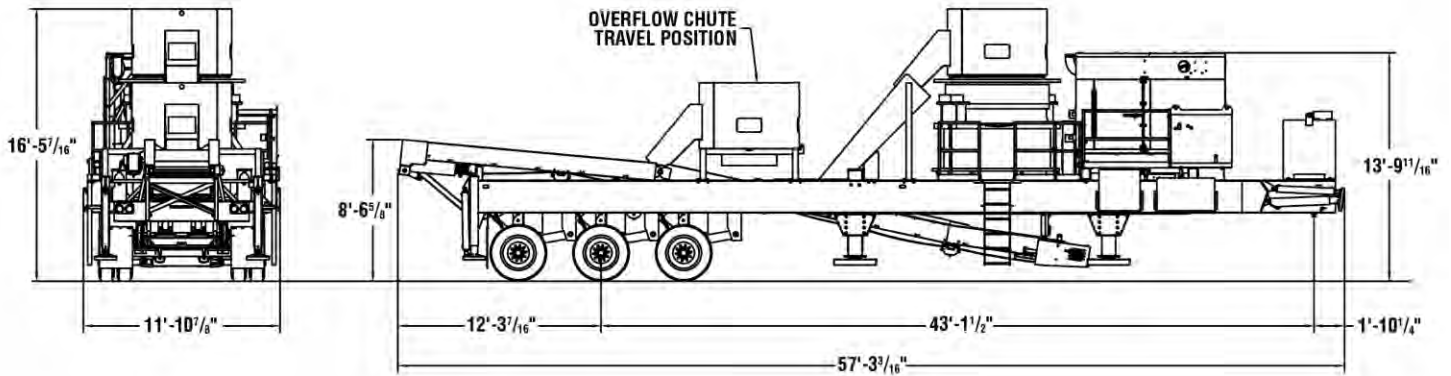
CONE CAPACITIES	
1/2" css	= 210-260 tph
5/8" css	= 250-315 tph
3/4" css	= 290-365 tph
7/8" css	= 315-395 tph
1" css	= 340-425 tph
1 1/4" css	= 405-505 tph
1 1/2" css	= 440-550 tph
1 3/4" css	= 475-595 tph
2" css	= 500-625 tph

* Capacities based on materials weighing 2,700 lbs./cu. ft.

CONE FEATURES	
Kodiak K400 Cone	
Remote adjust hydraulic package controlled from operators center	
Tramp Iron Relief system	
Hydraulic thread adjust for quick setting changes and chamber clearing	
Replaceable non-galling brass threads	
Cone head anti-spin brake	
External lube pump mounted on engine with oil heater	
Crusher feed hopper extension	

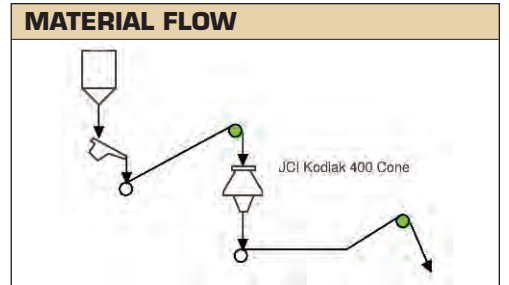


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GRADATION															
Product Size	CRUSHER CLOSED SIDE SETTING														
	5/8"	3/4"	1/2"	1/2"	15.87 mm	19.05 mm	22.22 mm	25.4 mm	32 mm	38.1 mm	44.5 mm	50.8 mm			
4"													100		
3 1/2"												100	96		
3"										100	95	90			
2 3/4"										98	92	86			
2 1/2"	Estimated product gradation percentages at setting shown.											100	95	88	81
2 1/4"										97	91	83	74		
2"								100	94	86	76	65			
1 3/4"							100	99	89	79	66	55			
1 1/2"						100	99	97	82	68	56	45			
1 1/4"					100	99	95	90	72	56	46	38			
1"				100	99	95	87	79	60	45	36	29			
7/8"			100	99	95	88	80	70	49	38	30	25			
3/4"		100	97	95	91	83	71	61	41	32	26	21			
5/8"	100	98	94	90	85	73	58	49	34	28	22	18			
1/2"	99	95	89	85	75	63	50	42	28	23	19	16			
3/8"	91	85	75	69	63	51	42	33	21	17	14	12			
5/16"	85	75	65	61	56	43	35	27	19	15	13	10			
1/4"	74	63	52	50	45	37	29	23	16	13	11	9			
4M	58	51	42	36	33	28	21	18	14	11	9	7			
5/32"	50	42	36	30	28	23	18	15	12	10	8	6			
8M	40	35	30	26	24	20	16	12	9	7	5	4			
10M	35	31	26	22	20	17	14	10	8	6	4	3			
16M	28	24	21	17	15	13	10	8	6	4	3	2			
30M	21	18	15	11	9	8	6	5	4	3	2	1.5			
40M	18	15	13	10	8	7	5	4	3	2	1.5	1			
50M	14	12	11	8	7	6	4	3	2	1.5	1	0.8			
100M	11	9	8	7	6	5	4	3	1.5	1	0.5	0.5			
200M	8	7	6	6	5	4	3	2	1	0.5	0.5	0.3			

WEIGHTS AND DIMENSIONS	
AXLE SPACING	60"
KINGPIN	61,600
REAR AXLE EACH	18,160 lbs.
REAR AXLE TOTAL	54,480 lbs.
TOTAL WEIGHT	116,080 lbs.
TRAVEL HEIGHT	13' - 10"
TRAVEL LENGTH	58' - 3"
TRAVEL WIDTH	11' - 11"



NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE KPI/JCI 3.5 PG 1/09

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