



# 5260 SECONDARY/TERTIARY HORIZONTAL SHAFT IMPACT



PLANT FEATURES	
<b>PLANT CONFIGURATION</b>	Diesel/Electric
<b>AXLE CONFIGURATION</b>	3+2 air bag suspension / hydraulically retractable
<b>TIRES</b>	(20) 11:00 x 22.5 Dual Mounted w/Air Brakes
<b>FEED HOPPER</b>	11 Yard Surge
<b>VIBRATING FEEDER</b>	42" x 12' with variable speed hydraulic drive
<b>UNDERCRUSHER SIDE DELIVERY CONVEYOR</b>	42" wide with 10 hp electric motor
<b>SIDE DISCHARGE HEIGHT</b>	7' - 8"
<b>CONE FEED CONVEYOR</b>	42" wide with 20 hp electric motor
<b>ALL BELTING</b>	Grade 2, 3 Ply, 3/8" Top, 1/8" Bottom, Grade 1 Rubber
<b>DIESEL ENGINE</b>	Caterpillar C-16 600 hp
<b>DIESEL BAGHOUSE</b>	Pulse cleaning air-intake
<b>FUEL TANK</b>	500 gallons
<b>GROUND SUPPORTS</b>	Hydraulic with oversized bases
<b>PLATFORMS</b>	Impact, magnet and diesel access
<b>DUST SUPPRESSION</b>	Complete with manifold, filtration, and on-plant shutoff
<b>MAGNETIC SEPARATOR</b>	38" Industrial Magnetics Inc. self-cleaning belt magnet

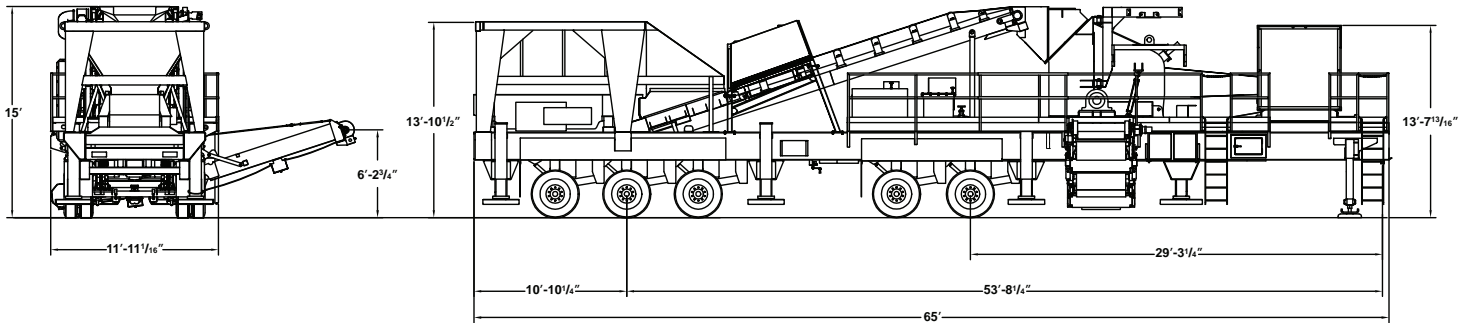
CAPACITY & FEED SIZE	
<b>CAPACITY*</b>	300-600 TPH
<b>MAXIMUM FEED SIZE</b>	Primary Hard Rock: 18" - 21" Secondary Hard Rock: 8" - 10" Primary Limestone: 21" - 24" Secondary Limestone: 10" - 12" Recycle: 36" x 36" x 12"

\*Capacity for HSI's are influenced by type and friability of material, input feed size and gradation, rotor configuration, rotor speed, breaker plate settings, wear parts condition and other machine and site conditions.

IMPACT FEATURES	
<b>MODEL</b>	52" x 60" Andreas
<b>FEED OPENING</b>	36" x 60"
<b>BASE FRAME</b>	Sequentially welded base w/replaceable segmented liners Hydraulically opening housing
<b>BASE FRAME THICKNESS</b>	3/4"
<b>BREAKER PLATES</b>	Dual and independently adjustable Massive gravity hung primary apron - reversible cast manganese with replaceable wear tips top and bottom Secondary apron fabricated with replaceable wear blocks
<b>LINER THICKNESS</b>	1 1/4" AR-400
<b>SECONDARY BREAKER PLATE</b>	Features hydraulic adjustment
<b>ROTOR</b>	Available in 2, 3 & 4 bar configurations
<b>MPR ROTOR</b>	190 mm bearings
<b>ROTOR FEATURES</b>	Ring-fetter rotor retention system to solid thru-shaft
<b>WK2</b>	(3) bar = 23,382 / (4) bar = 25,000
<b>IMPELLER BARS</b>	Positive wedge style retention system
<b>IMPELLER BAR THICKNESS</b>	4 1/2" thick
<b>IMPELLER BAR TYPE</b>	Low chrome with ceramic insert High chrome with ceramic insert



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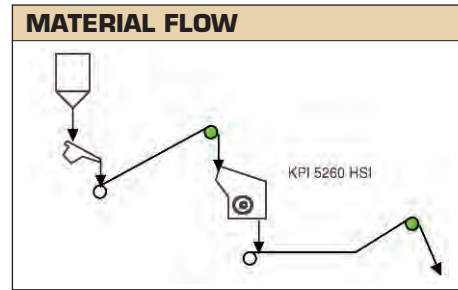


## APPROXIMATE OUTPUT GRADATIONS BASED ON 4" AND 2" BREAKER PLATE SETTINGS

LIMESTONE Coarse, Medium and Fine Graded Crusher Output				
	SIZED INPUT	COARSE GRADED	MEDIUM GRADED	FINE GRADED
+8"	100%	100%	100%	100%
3"	36%	100%	100%	100%
2 <sup>1</sup> / <sub>2</sub> "	12%	96%	100%	100%
2"	7%	93%	100%	100%
1 <sup>1</sup> / <sub>2</sub> "	2%	90%	96%	100%
1 <sup>1</sup> / <sub>4</sub> "	0%	81%	90%	98%
1"	0%	72%	85%	94%
3/4"	0%	53%	73%	85%
5/8"	0%	45%	63%	80%
1/2"	0%	38%	54%	70%
3/8"	0%	31%	44%	62%
1/4"	0%	25%	35%	50%
#4	0%	21%	28%	40%
#8	0%	15%	20%	30%
#16	0%	11%	15%	25%
#30	0%	8%	12%	20%
#50	0%	7%	9%	14%
#100	0%	6%	7%	12%
#200	0%	3%	4%	10%
Pan	0%	0%	0%	0%

HARD ROCK Coarse and Fine Graded Crusher Output			
	SIZED INPUT	COARSE GRADED	FINE GRADED
+8"	100%	100%	100%
3"	23%	100%	100%
2 <sup>1</sup> / <sub>2</sub> "	8%	96%	100%
2"	4%	95%	100%
1 <sup>1</sup> / <sub>2</sub> "	1%	88%	94%
1 <sup>1</sup> / <sub>4</sub> "	0%	80%	88%
1"	0%	72%	83%
3/4"	0%	54%	71%
5/8"	0%	49%	64%
1/2"	0%	45%	57%
3/8"	0%	38%	46%
1/4"	0%	30%	36%
#4	0%	24%	32%
#8	0%	18%	23%
#16	0%	14%	17%
#30	0%	9%	12%
#50	0%	7%	10%
#100	0%	5%	8%
#200	0%	3%	5%
Pan	0%	0%	0%

WEIGHTS AND DIMENSIONS	
AXLE SPACING	61"
KINGPIN	46,480 lbs.
STEER	35,320
STEER SPACING	63"
REAR AXLE EACH	17,414 lbs.
REAR AXLE TOTAL	52,242 lbs.
TOTAL WEIGHT	134,040 lbs.
TRAVEL HEIGHT	14'
TRAVEL LENGTH	65'
TRAVEL WIDTH	12'



**NOTE:** Gradations for HSI's are influenced by type and friability of material, input feed size and gradation, rotor configuration, rotor speed, breaker plate settings, wear parts condition and other machine and site conditions

NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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