

Welcome! to our world

**RM**<sup>®</sup>  
GROUP

# RM J110X

MOBILE JAW CRUSHER



# RUBBLE MASTER

## Makes You More Money

### A HEAVY-DUTY JAW CRUSHER DESIGNED TO TAKE THE BRUNT

Since 1991, we've established ourselves as the world's leading crushing and screening experts. Our products are used by the most cutting-edge contractors and aggregate producers worldwide while being the #1 choice for those brand-new to crushing. We look at crushing in its entirety and design best-in-class every step of the way. More than 4,000 happy customers can't be wrong.



“

Starting with a blank canvas allows you to forge a machine that unites the best solutions in the industry with RUBBLE MASTER's ease of use.

”

*Martin Wheatley,  
Product Manager, jaw crusher,  
RUBBLE MASTER*

“

The RM J110X jaw crusher has exceeded our expectations. The machine is easy to operate and was designed with easy access for maintenance and inspections. The adjustment is quick and smooth, making the machine more effective and time-efficient, which helps get the most out of it. Its strong and reliable structure makes it perfect for any operation.

”

*Edycarlos de Queiroz  
Mining Manager,  
Lion Mining, Brazil*



# DOMINATE

## your Jobsite

### LET RUBBLE MASTER TAKE YOU THERE

At RUBBLE MASTER, we understand a smooth operation equals more profit. That's why our mission is to help you dominate the jobsite. No more losing money to high operation costs or wasting time with traditional material disposal processes. Instead, you take back control of your operations and get the job done right.



#### THE HEAVIEST CRUSHING CHAMBER IN ITS CLASS

The heart of the machine comes with extra strength and ingenuity to keep you crushing in the toughest applications.



#### A NEW EXPERIENCE OPERATING A MOBILE CRUSHER

Enjoy maximum clarity about the machine's condition and performance so you can rest assured that you get the most out of it.



#### TRUST YOUR GUYS AROUND THE MACHINE

We make material processing easy so you can put any operator on our machine with confidence.



#### INCREASE EFFICIENCIES

Consume and change less hydraulic fluids. Swap consumables faster. Keep crushing longer.



# ALL THE EXTRA STRENGTH in All the Right Places

The RM J110X is built from the ground up as a heavy-duty jaw crusher that doesn't cut corners. Heavy flywheels and a 10% deeper jaw crusher give you more crushing action. It incorporates the latest solutions for most productivity.



## BUILT FOR TOUGH JOBS

Strength and depth are fundamental. That's why the jaw makes up 38% of the machine's weight.



## EXTRA SAFETY WITH TRAMP IRON

The hydraulic relief system opens a staggering 320 mm (12½").



## STRONGER CRUSHER FEED CHUTE

The upper cheek plates extend above the crusher for improved wear resistance and reduced blockages.



## UP TO 10% DEEPER CRUSHER

More crushing strokes and improved material reduction.

# ASTONISHING USABILITY

## Advanced Crusher Control

Get more of what people love about RUBBLE MASTER: ease of operation paired with more clarity and simple maintenance procedures so you can maximize your uptime and put more product on the ground. Best of all, the RM XSMART Telemetry is included, so you know you got the most out of your machine.

**1-2-3  
GO!**

### ALL-AROUND CRUSHER CONTROL SYSTEM KEEPS YOU CRUSHING

Automatic feed control to improve the feed and monitor the discharge.

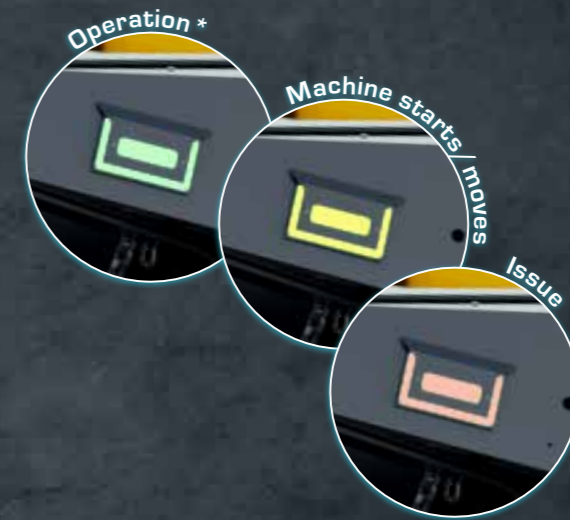


### ENJOY THE COMFORT & SAFETY OF YOUR CAB

Control your feeder speed, adjust your closed-side setting, and lower the main conveyor without leaving your cab.



Get instant visual feedback on the condition of the machine.



Get more clarity and fine-tune your machine for a comfortable and consistent feed rate.

The performance indicator helps you hit the feed rate sweet spot to maximize your production intuitively.



\* Flashing: Zero Conveying  
\*\* Flashing: crusher overload condition

# REDUCE THE BURDEN

Do the Things you Want  
to Keep Doing

At RUBBLE MASTER, we understand that you want to keep crushing. To get more done, we cut setup and maintenance time. Instead of wasting man-hours and running in circles you can focus on dominating your jobsite.



## CUT CHANGING YOUR FIXED JAW TO A FEW HOURS

Easily accessible quick-release wedges, convenient lifting hooks, and a built-in hydraulic cylinder to push out the fixed jaw make light work of a hard job.



## UNMATCHED CONVEYOR SERVICE ACCESSIBILITY

Conveyor can be lowered to the ground and removed completely for service.



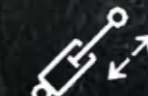
## ADJUST YOUR CLOSED-SIDE SETTING WHILE CRUSHING

Extra wide 45 - 175 mm (1¾" - 7")  
CSS range.



## REVERSE CRUSHING

Crush difficult materials or unblock  
your crusher with ease.



## NO NEED TO PERFORM STUNTS SETTING UP THE MACHINE

Hydraulic folding & self-locking  
hopper walls.



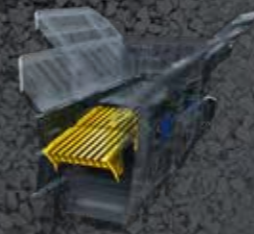
## GETTING STUCK DOESN'T MEAN YOU SHOVEL

Start the crusher under load.  
Keep crushing with  
the touch of a button.

# SMOOTH MATERIAL FLOW

## Get More Done in a Day

Machine down means crew down, and you are bleeding money. That's why we have built the entire machine to reduce material-related blockages, so you can keep feeding the crusher instead of clearing blockages and spillages.



**Grizzly Feeder** (standard)



**RM Active Grid** (optional)  
Improved screening action with sticky materials through self-oscillating grizzly.



**2-Deck Pre-Screen** (optional)  
Maximum screening action for the most difficult applications.



### WIDENING PATH

1080 mm [42"] feeder width,  
1100 mm [43"] jaw width,  
1200 mm [47"] conveyor width.



### LOWER MAIN CONVEYOR HYDRAULICALLY

Increase the clearance to release blockages. All from your remote control.



### SMOOTH EXIT CHANNEL AND STRONG BELT SEALING

Fewer obstructions ensure a smooth material flow and long belt life.



### 500 MM | 19" CRUSHER TO BELT CLEARANCE

with under crusher material deflector plate.

# RM J110X

## Specs

<b>CAPACITY</b>	up to 450 TPH   495 US stph (depending on material)
<b>FEED SIZE</b>	up to 600 mm <sup>3</sup> (23 <sup>3</sup> )
<b>CRUSHER UNIT</b>	Single toggle jaw crusher, hydraulic drive Inlet opening, 1,100 x 700 mm (44" x 28") Hydraulic relief system. CSS range: 45 - 175 mm (1 <sup>3</sup> / <sub>4</sub> " - 7")
<b>HOPPER</b>	Self-locking hydraulic folding hopper walls Standard capacity: 6.15 m <sup>3</sup> (8 yd <sup>3</sup> ) Extended capacity: 12 m <sup>3</sup> (15 <sup>1</sup> / <sub>2</sub> yd <sup>3</sup> )
<b>GRIZZLY SECTION</b>	2,000 x 1,080 mm (6'6" x 3'6") Optional fines side conveyor
<b>POWER UNIT</b>	CAT C9.3B 375 HP   280 kW Stage 3a, Stage 5 / TIER 4F
<b>MAIN DISCHARGE CONVEYOR</b>	Width 1,200 mm (47 <sup>1</sup> / <sub>4</sub> ") Discharge height 3,860 mm (12'8")
<b>TRANSPORT DIMENSIONS (L X W X H)</b>	14.7 m x 2.85 m x 3.4 m 48'3" x 9'5" x 11'2"
<b>WEIGHT (NO OPTIONS)</b>	52,000 kg   110,700 lbs

CSS	TPH (METRIC)*	TPH (US SHORT TONS)*
2"   50 mm	120-150	130-165
3"   75 mm	180-220	200-240
4"   100 mm	240-300	265-330
5"   125 mm	300-370	330-405
6"   150 mm	360-450	395-495

\* Estimated production rates. The production capacities are indicative and vary depending on the material and feed gradation. Please consult your RUBBLE MASTER material processing expert.

CSS	CSS	2"   50 MM	3"   75 MM	4"   100 MM	5"   125 MM	6"   150 MM
Test Sieve Sizes (mm)	Test Sieve Sizes (in)	in %	in %	in %	in %	in %
300	12"					100
200	8"				100	100
150	6"			100	86	74
125	5"	100	100	99	76	62
80	3"	97	84	71	47	36
63	2 1/2"	80	68	57	37	30
40	1 1/2"	55	46	38	25	19
31.5	1 1/4"	44	38	31	20	14
25	1"	35	32	25	17	8
20	3/4"	33	28	22	14	7
14	9/16"	25	22	16	11	6
12.5	1/2"	22	20	15	10	5
10	3/8"	19	17	13	8	4
6.3	1/4"	13	12	9	6	3
4	#4	12	9	7	4	2
2	#8	8	7	5	3	1

The grading curve is dependent on the material and environmental factors. Please consult your RUBBLE MASTER material processing expert.



### Crushing Granite in Bavaria, Germany with a 16' x 5' Screening Plant

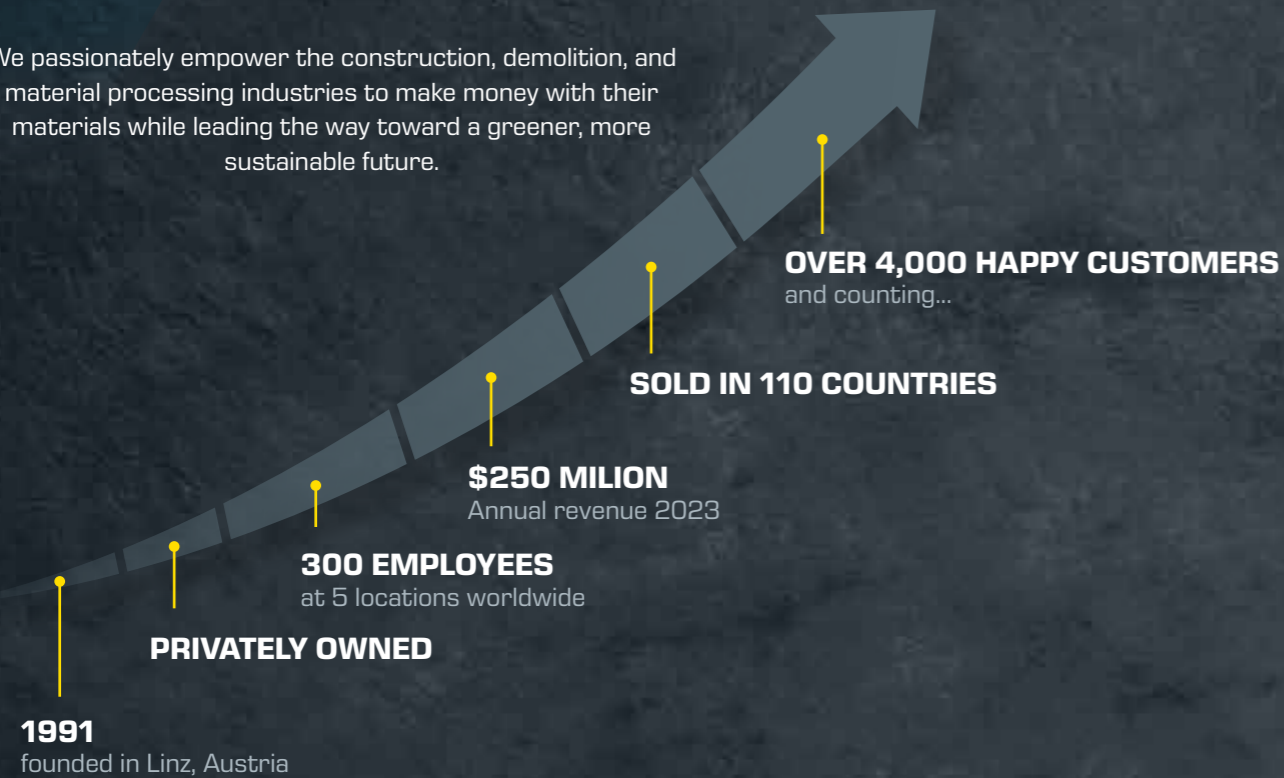
In-feed: up to 600 mm | 23"  
Fines: up to 20%  
CSS: 135 mm | 5.3"  
Throughput: 400+ TPH | 440+ US stph  
Final products

- 0 - 56 mm | 2 1/4"
- 56 - 150 mm | 2 1/4" - 6"
- 150 - x mm | 6" - 10"

# MUCH MORE than a Cusher Manufacturer

Our Business Exists to Support Every Aspect of Yours

We passionately empower the construction, demolition, and material processing industries to make money with their materials while leading the way toward a greener, more sustainable future.



Driving Innovation and Sustainability in  
Mobile Material Processing



It all began with a vision: to make recycling C&D waste materials on-site a reality and reduce the waste of valuable resources. We set out to build compact machines that would be highly accepted in urban environments and designed for users with little to no experience in material processing. This vision sparked an international success, creating a new category of compact crushers. The efficiency and ease of use quickly gained traction among professional aggregate producers worldwide, driving the expansion of our product line while remaining true to our core design principles.

# WHAT MAKES THE DIFFERENCE? a team that truly cares about your business!

We believe in transparency, relationships over transactions, and never settling for 'the way things have always been done. We're driven to create the best product, backed by caring, comprehensive service. But the real cornerstone of everything we do is passion. We love our products and believe in them. We're passionate about helping you build a sustainable legacy that will last for generations. Your legacy is our legacy, and that drives us to help you be your best.



**LIFETIME SUPPORT**

REGARDLESS OF AGE AND HOURS, WE SUPPORT YOUR MACHINE.



**EXPERT ADVICE**

WE ARE THERE BEFORE THE PURCHASE AND LONG AFTER.



**LARGE IN-STOCK INVENTORY**

WE ARE COMMITTED TO KEEP YOU CRUSHING.





Welcome! to our world



**IMPACT CRUSHERS**



**SCALPING SCREENS**



**INCLINE SCREENS**

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