

# MAX X HAUL

## BEST of 'Both' Worlds for Mining Power

✘ Some tubular batteries claim a special effect that offers more power and longer running time than flat plate batteries. **MAX-HAUL's** 3P design puts that claim on notice - with a new Plate design, new Paste (active material) and a new Process. The innovative **MAX-HAUL** product design delivers the benefits of both traditional flat-plate and tubular designs.

✘ With a mining battery product range that includes our traditional flat-plate design plus the proprietary high-capacity **MAX-HAUL** batteries, Crown offers customers two power choices that deliver more flexibility and best-available value for their equipment investment.

✘ In addition to its industry leading standard mining batteries, Crown Battery now offers more options for power with **MAX-HAUL**, tray coatings and charging strategies. With the lowest TCO (total cost of ownership), you can put more money into your operation, so you can haul the maximum.

✘ Crown Battery has a reputation for working closely with OEM's and equipment operators to ensure that batteries meet and exceed performance expectations. With a proven track record for battery productivity and life, Crown's batteries are the mining industry's first choice for battery supply.

### MAX-HAUL Product Specifications – Ratings

Cell Type	KWH @ 6 Hr Rate	AH Cap. @ 6 Hr Rate	Est. Cell Weight
110MX-05	0.427	220	30
110MX-07	0.640	330	42
110MX-09	0.854	440	54
110MX-11	1.067	550	66
110MX-13	1.280	660	78
110MX-15	1.494	770	90
110MX-17	1.707	880	102
110MX-19	1.921	990	114
110MX-21	2.134	1100	126
110MX-23	2.347	1210	138
110MX-25	2.561	1320	150
110MX-27	2.774	1430	162
155MX-05	0.601	310	43
155MX-07	0.902	465	60
155MX-09	1.203	620	77
155MX-11	1.504	775	94
155MX-13	1.804	930	111
155MX-15	2.105	1085	128
155MX-17	2.406	1240	145
155MX-19	2.706	1395	162
155MX-21	3.007	1550	179
155MX-23	3.308	1705	196
155MX-25	3.608	1860	213
155MX-27	3.909	2015	230

Because Crown Battery is continually improving its products, specifications are subject to change without notice.



### Flat-plate Characteristics:

- Good electrical performance.
- Long cycle and battery life.
- Tough and more durable in applications with vibration.
- Better reserve of AM (active material) for longer life.
- Better distribution of lead mass (grid) for current distribution and longer grid life.

### Tubular plate Characteristics:

- Good electrical performance claiming "higher" voltage.
- Greater surface area exposes more AM to electrolyte.
- Concentrated lead mass in splines decreases alternative paths for current distribution.
- Less insulating and compressive materials lead to poor vibration tolerance.

## GET the MAX!

The Power Behind Performance



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## 24% X-TRA POWER!

Traditional Crown Mining Battery		
Model No.	Jar Height	Volts
120-125-13	28.5"	240
<b>Amps = 750</b>		

**BEFORE**

Crown's New MAX-HAUL Mining Battery		
Model No.	Jar Height	Volts
120-155MX-13	28.5"	240
<b>Amps = 930</b>		

**AFTER**