



Real Steel
WORKS HARDER

CASE STUDY

Porter Hire Heavy Duty BR380 Jaws

THE PROBLEM

Porter Hire approached Real Steel with extreme wear issues they faced with their Komatsu BR380 jaws.

OUR SOLUTION

Real Steel redesigned the BR380 jaws and put them to work on a trial basis. They were extremely successful with significant improvements recorded.

INCREASED PERFORMANCE

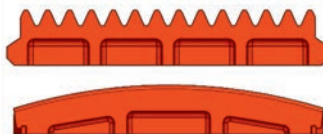
The improved design crushes more efficiently and wears more evenly for a dramatically reduced cost per tonne and longer life over the standard OEM jaws. More material in wear areas leads to a higher ratio of usable material with less wastage.

LESS DOWNTIME

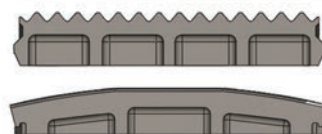
Crusher jaw changeouts can take a full day. The longer longer lifespan of the Real Steel Heavy Duty jaws means significantly reduced downtime and improved machine availability.

PROFILE COMPARISON

Real Steel Heavy Duty
Fixed Jaw Profiles



OEM Standard
Fixed Jaw Profiles



Real Steel Heavy Duty
Swing Jaw Profiles



OEM Standard
Swing Jaw Profiles



Features

1. MATERIAL

We upgraded the material to ultra heavy duty 24% Manganese and 3% Chrome. This material has more abrasion resistance and work hardens quicker.

2. SHAPE

The shape of the fixed jaw changed to a full curved design which gives increased reduction further up the crushing chamber, allowing for better efficiency and more even wear.

3. TOOTH PROFILE

The tooth profile changed to a more aggressive heavy duty design. This means better point loading of the rock and higher efficiency.



For crusher jaws that work harder, longer, give us a call.