



## About EARLS

Your choice for quality spreaders and related equipment.



# EARLS Industries

### About the Company

EARLS is a dynamic, 3<sup>rd</sup> generation family owned and directed company currently in our 59<sup>th</sup> year of continuous operation in the Vancouver, Canada area. Over the course of the past several decades EARLS has grown to become a full fledged engineered product manufacturer. Currently we have equipment working throughout the western hemisphere and we are looking to add customers, partners, and agent representation around the world.

### Total Commitment

EARLS total commitment to the customer encompasses all aspects of product development, design, manufacture, marketing, and after sales service. The delivery of a product to a customer marks the beginning of a permanent relationship.

### Our Location

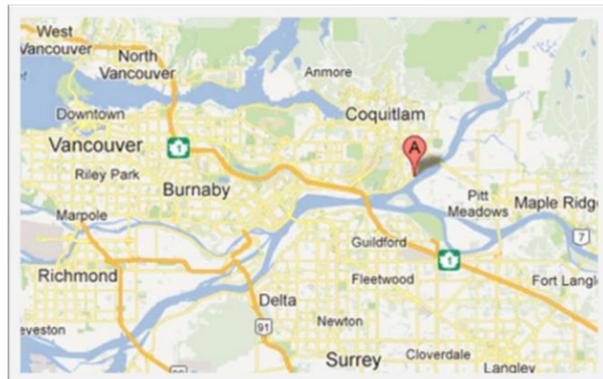
#### EARLS Industries Ltd.

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**Phone:** +1 604-941-8388

**Fax:** +1 604-941-8302

**Web:** [www.earlsindustries.com](http://www.earlsindustries.com)



### Our Manufacturing Facility

Our Metro Vancouver plant is located in the suburb of Port Coquitlam where we have a 21,000 sq ft factory and 7,500 sq ft office located on a 1.4 acre industrial property. The factory consists of three bays, one each for machining, welding/fabricating, and electro-hydraulic & mechanical assembly. All EARLS spreaders are built to order at this location.

### Local Support Partner - India

#### Chirayush I. Gandhi

Director Sales and Technical Support.

BSc, MSc, B-Econ, MBA, NY Univ, & Univ of Boston

**Email:** [cigandhi@emcogroup.co.in](mailto:cigandhi@emcogroup.co.in)

#### Emco Group Companies

**Address:** 5/6 Magnum Opus Plaza, Shantinagar, Vakola, Mumbai 400055.

**Phone:** 91-22-2-6651771/2/4/5/6/7.

**Web:** [www.indiamart.com/emcogroup](http://www.indiamart.com/emcogroup)



MODEL #361/371

# Rocker Breaker BOOM

with Pedestal Mount for Primary Crusher

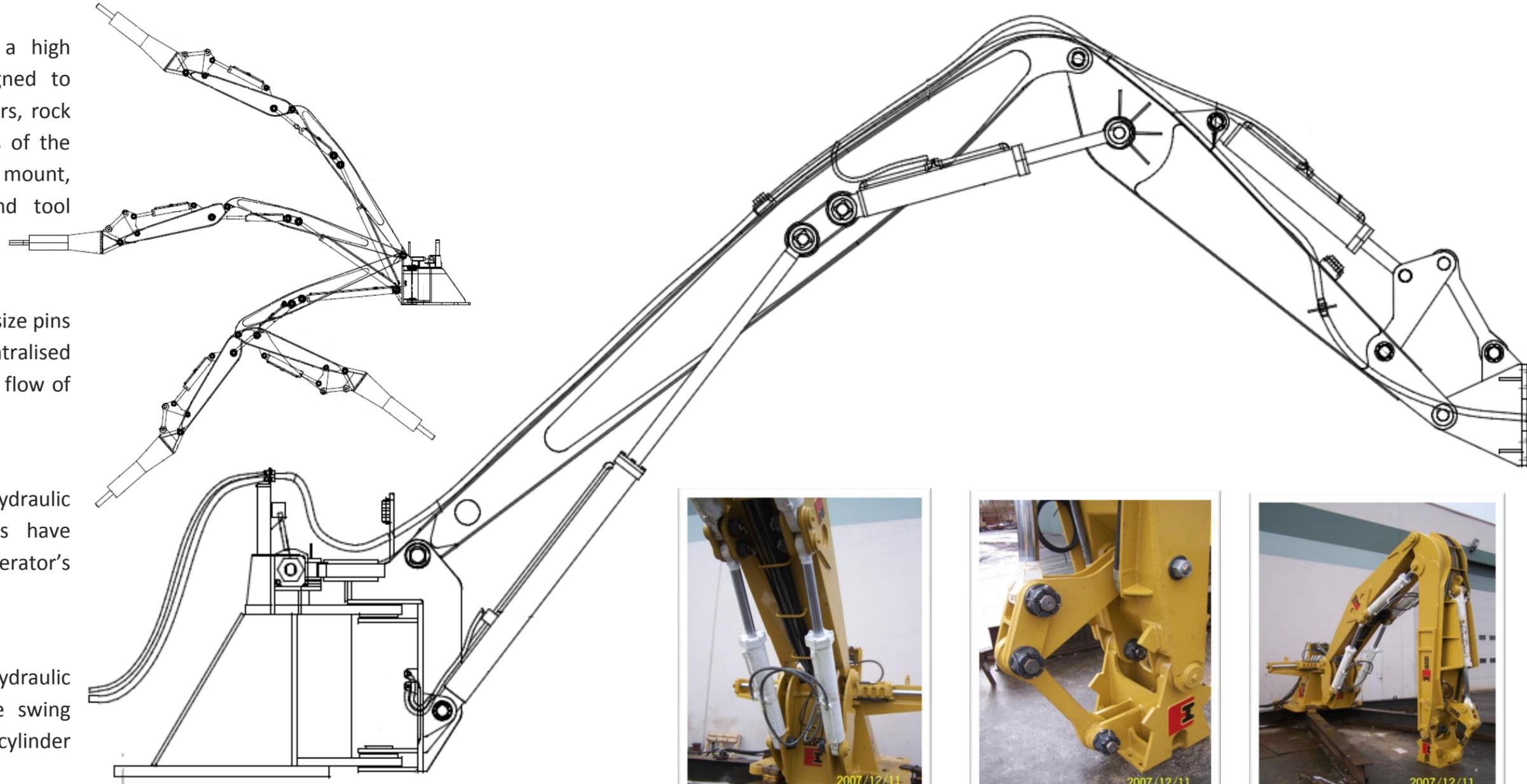


The EARLS rock breaker boom is a high strength articulating structure designed to manipulate hydraulic breaker hammers, rock grapples, and rock points. It consists of the following major components; base mount, boom foot swivel, boom, stick and tool mount.

The boom design is robust, using oversize pins and bushings at all joints. A centralised lubrication system maintains a steady flow of grease to every rotating joint.

Power is provided by a remote hydraulic power pack and most installations have remote controls running to an operator's booth.

The motion of the boom is driven by hydraulic cylinders with the exception of the swing motion that uses a double ended cylinder driving a large rack and pinion.



**Hydraulic Supply Pressure:**

- 18.6 MPa/2700 psig (boom only).

**Hydraulic Supply Flow Rate:**

- 140 lpm/37 USGPM (boom only).

**Hydraulic Oil Type:**

- Century Centraulic AF32 or equivalent.

**Boom Weight:**

- 10,886 kg/24,000 lbs (no hammer).

**Maximum Hammer Weight:**

- 3,175 kg/7,000 lbs.

**Hydraulic Filtration:**

- Oil filtered to 10 microns on return and pressure lines (minimum requirement).

**Maximum Horizontal Reach:**

- 10.5 m/34'6" (no hammer).

**Maximum Vertical Reach:**

- 5.75 m/18'10" (no hammer).

**Maximum Swing Angle:**

- 180 degrees (nominal).

**Lubrication System:**

- Fully automatic (series progressive style) lube system including lube pump, control system, and individual feeders.

**Paint:** 3 Coat System (Devoe)

- Inorganic Zinc Primer.
- Epoxy Intermediate Coat.
- Aliphatic Polyurethane Top Coat.