

# Hydraulic Arm Assemblies – Secondary Breaking

Custom Design,  
Manufacture  
& Installation



**INDECO AUSTRALIA P/L**

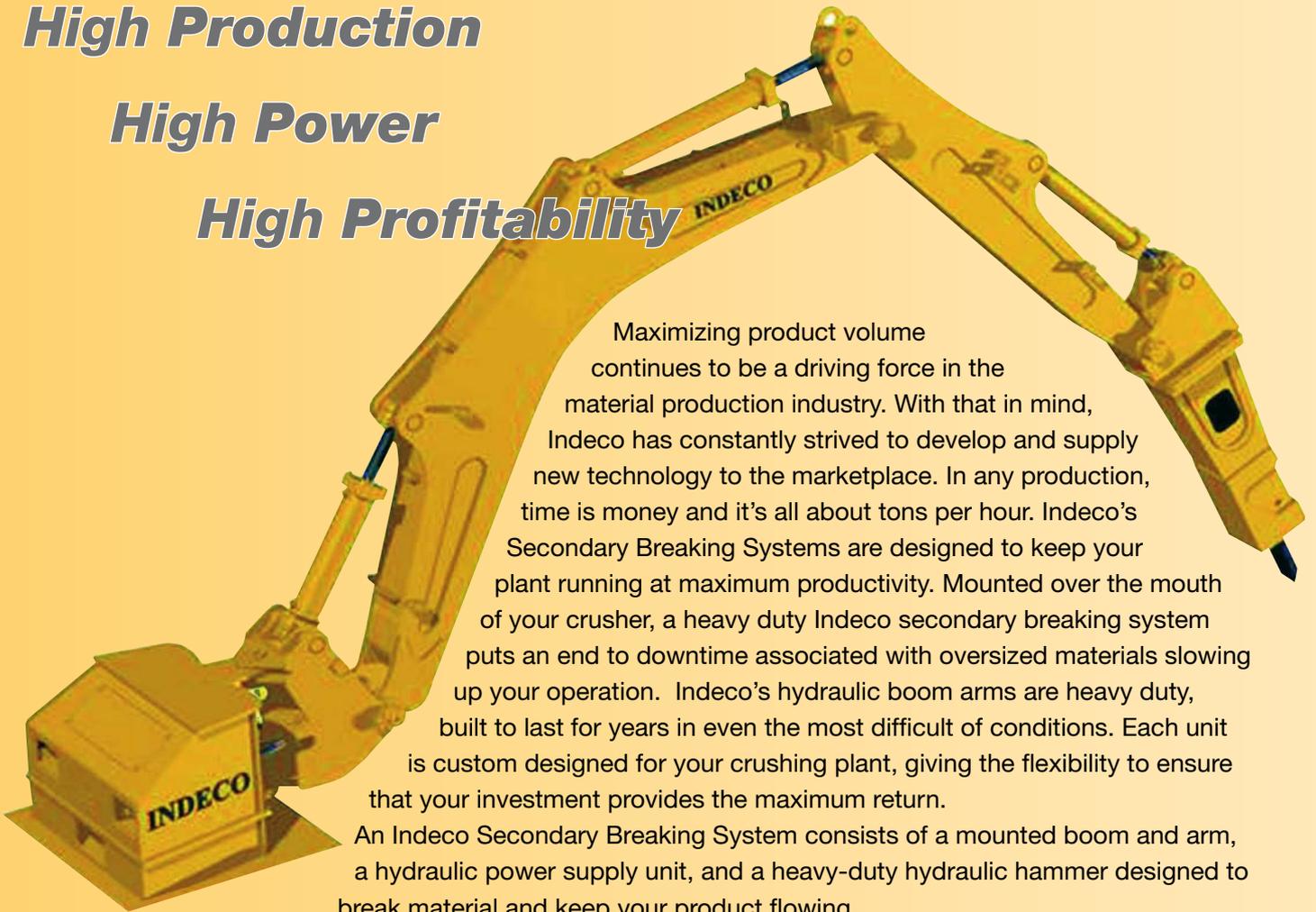
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# High Production

# High Power

# High Profitability



Maximizing product volume continues to be a driving force in the material production industry. With that in mind, Indeco has constantly strived to develop and supply new technology to the marketplace. In any production, time is money and it's all about tons per hour. Indeco's Secondary Breaking Systems are designed to keep your plant running at maximum productivity. Mounted over the mouth of your crusher, a heavy duty Indeco secondary breaking system puts an end to downtime associated with oversized materials slowing up your operation. Indeco's hydraulic boom arms are heavy duty, built to last for years in even the most difficult of conditions. Each unit is custom designed for your crushing plant, giving the flexibility to ensure that your investment provides the maximum return.

An Indeco Secondary Breaking System consists of a mounted boom and arm, a hydraulic power supply unit, and a heavy-duty hydraulic hammer designed to break material and keep your product flowing.

- **Australian Built and Designed**

Indeco Hydraulic Arm assemblies are Australian built with locally available spare parts, so you're not troubled with ordering expensive replacement items. Our booms are built with OEM, field-tested sealing components, and as with all Indeco products, our hydraulic arms come with the unbeatable Indeco guarantee.



- **Custom Engineering**

Indeco does not pull a tired design off the shelf and try to adapt it to your needs. Instead, we visit your site and see firsthand where bridging or backup occurs most frequently, and custom design a breaker system to cover your problem area completely and effectively. All booms are individually analysed on an exclusively designed engineering program which allows customised design and loadings to suit each application.



- **Design Strength**

Indeco secondary breaking systems are built from large, welded box section structures with thick multi-plate fabrication in high stress areas. Unlike the competition, we do not add additional weight and cost by adding steel plates where structurally unnecessary.



- **Effortless Operation**

Simplicity is one of the main features of the Indeco system. A compact design and minimal components ensure quick and easy installation. With enhanced design and functionality it requires little training and is user friendly to operate.

- **Flexibility**

Indeco Hydraulic Power Units are designed to be application specific. With a variety of electric motors, tank sizes, manual and remote- controls, Indeco will tailor your installation for the best possible working conditions.

- **Taper Lock Bush Assembly.**

Indeco has designed and developed standardised taper lock bushes. These ensure true shear loads at all pins by gripping radially and axially to prevent bending and twisting within the the mounting connection. For an increase in maintenance, speed and efficiency, pin replacement is made easy by in built jacking screws.

- **Over Centre Valves.**

The valves on all Indeco boom systems are custom designed specifically to suit our cylinders. These bolt directly onto a machined port to provide the best possible safety. Over centre valves are standard fitment to prevent boom and jib collapse if a hydraulic line is severed and can be easily added to the hammer cylinder if required.

- **Hydraulic Cylinders.**

All cylinders are designed and custom built to provide superior strength and life under arduous conditions. The rod end is full penetration butt welded and tested to achieve the best possible connection. The entire area is hand dressed to ensure no notching which would propagate cracks in a fatigue situation.

- **Back-Up Service.**

Indeco is fully committed to supporting its products – small or large. It is this commitment that has contributed greatly to a reputation that is second to none in the industry. A fleet of service vehicles combined with experienced personnel has ensured that the Indeco rockbreaking boom system is superior to all other systems on the market.





## Comprehensive Breaker Range

The Indeco range of rock breaking boom systems is one of the most recognised and trusted system in Australia. For varied applications, the Indeco hydraulic boom represents unparalleled flexibility and exceptional value for money. Coupled with the HP series breaker, it is extremely versatile, allowing for various combinations of boom and jib sizes, ensuring that it will meet your needs without compromise.

## HP Series Breaker Specifications

Breaker	Weight	Energy Class	Breaker	Weight	Energy
HP150	80kg	200 joule	HP1800	1000kg	2000 joule
HP150 H	98kg	200 joule	HP2000	1200kg	2440 joule
HP200	160kg	240 joule	HP2500	1500kg	3220 joule
HP350	230kg	450 joule	HP3000	1900kg	4370 joule
HP500	320kg	610 joule	HP3500	2200kg	5160 joule
HP600	390kg	720 joule	HP4000	2500kg	6080 joule
HP700	440kg	830 joule	HP5000	3000kg	7990 joule
HP900	550kg	1060 joule	HP7000	4000kg	10350 joule
HP1200	650kg	1490 joule	HP9000	5000kg	14120 joule
HP1500	850kg	1720 joule	HP12000	7800kg	18930 joule