

LOWER OFFSET DESIGN

A compact, low-profile design enables machines to maintain strong breakout forces and stability, which reduces fuel consumption.

LIFTING EYE

An OEM-rated lifting eye for secure weight handling on compact excavators, making lifting tasks more convenient.

FRONT LATCH

An independent, bi-directional mechanical locking system keeps the front pin engaged on smaller machines for safe, quick attachment changes.

CAST FRAME

A uniquely curved, lightweight cast frame made from heat-treated steel, reducing overall coupler weight for minimal fuel burn and easy manoeuvrability on small excavators.

ISO HOOK

A fully compliant ISO13031/AS13031 hook mechanism that acts as a mechanical fallback on small machines.

COMPACT **DURALATCH**TM

COUPLER

FOR 1-6T EXCAVATORS

COMPACT POWER. MAXIMUM RELIABILITY.

Wholly cast, JRB's Duralatch is the lightest - yet strongest and safest - fully hydraulic coupler on the market. Enabling smaller excavators to achieve high speed connections of only 18 seconds in comparison to 5 minutes to a manual coupler and 20 minutes to direct mount, the Duralatch allows operators to pick up the widest range of OEM attachments and do so very easily.

DURALATCH™ COUPLER

FOR 1-6T EXCAVATORS

FEATURES

- Maximum Performance & Fuel Saving** - Manufactured with superior performance in mind, the Duralatch's lightweight design, combined with JRB's proprietary high-tensile, heat-treated steel, reduces engine load, ultimately optimising fuel efficiency and performance for your machines.
- Increased Safety** - Fully compliant with global ISO13031/AS13031 standards, the Duralatch coupler is designed with advanced safety features, including twin-locking mechanisms and maintenance-free components. These are rigorously cycle-tested to exceed their working lifetimes, with fatigue testing of the frame of over 100,000 cycles at loads surpassing those of the excavator. Coupled with advanced simulation, strain gauge instrumentation, and field validation, these measures ensure the highest standards of safety and reliability.
- Improved Productivity & Machine Versatility** - With the ability for operators to quickly and safely change attachments from within the cab, the Duralatch transforms excavators into versatile multi-tool carriers. Its wide compatibility with OEM attachments maximizes fleet flexibility, enabling operators to handle a broader range of tasks.
- Easy Installation & Low Maintenance** - Designed for hassle-free installation, the Duralatch allows operators to minimize downtime and get up and running quickly. The coupler's greaseless pins and low-maintenance design further enhance operational convenience, reducing the need for frequent upkeep.

SPECIFICATIONS

	RANGE 0A	RANGE 0B	RANGE 1A	RANGE 1B02	RANGE 1B01	RANGE 2A
EXCAVATOR MASS	1 - 1.5T	1.5 - 2T	2T	2 - 3T	3 - 3.5T	5T
COUPLER MASS	15.7 - 17.5 KG	17.9 - 21.0 KG	23.2 - 26.9 KG	28.6 - 31.5 KG	34.4 - 35.7 KG	55.6 - 58.1 KG
PIN DIAMETER	30 MM	30 MM	35 MM	35 MM	38/40 MM	45 MM
MINIMUM PICKUP WIDTH	94/96 MM	103 MM	109/122 MM	117 MM	117 MM	144 MM
PIN PICKUP RANGE	85 - 118 MM	121 - 161 MM	125 - 150 MM	160 - 200 MM	172 - 215 MM	220 - 285 MM