

ALL IN ONE FULLY AUTOMATIC QUICK HITCH AIO350 - AIO551 - AIO601

ARDEN
EQUIPMENT



Change your hydraulic and mechanical attachments without leaving the cab!

The AIO, All In One is an automatic quick coupling system for excavators from 12 to 40 tons that allows you to automatically connect all your hydraulic and mechanical attachments from the cab. This system allows you to quickly switch between different equipments safely.

Choose the versatility

Compact, robust and equipped with very high-pressure and very high-throughput connectors that allow it to be compatible with the most powerful equipment on the market. The AIO is perfectly suited for the most demanding applications of your construction site, such as demolition and recycling.



AIO equipped on a ATR

Reliability

Attachment male coupling on flexible unit increasing reliability

The AIO is made of high elastic limit steel. The gap on the plate side allows the system to remain reliable for a very long time and thus to increase the life time of the couplers.

Environmentally friendly

The AIO attachment contributes to the protection of its environment!

The device highly reduces oil spillage during coupling operation.

Enhanced security

Arden Equipment aims for total safety

AIO meets with European standards, thus ensuring enhanced safety. Thanks to the AIO, the driver can switch safely between each attachment from the cab.

Profitability

Increase your productivity!

The hydraulic tool change takes less than 10 seconds. We estimate that an AIO quick hitch is cost-effective as soon as 2 or 3 hydraulic tool changes per day (estimated gain of 20 to 30 minutes).



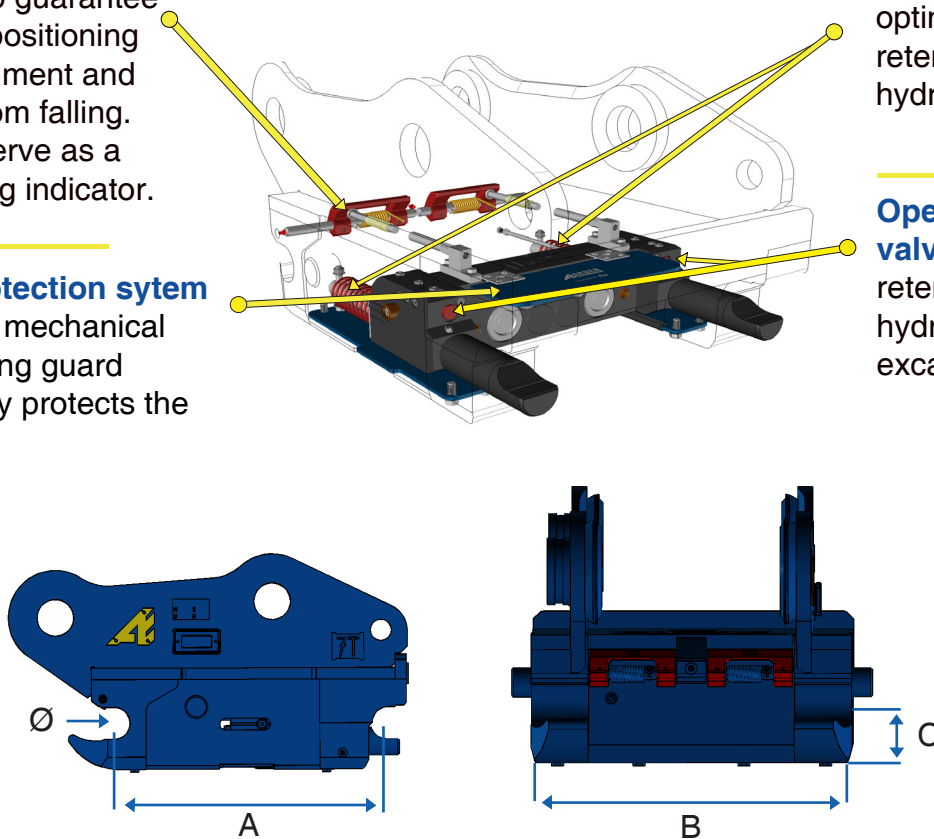
Technical description

Safety pads on the front axle to guarantee the correct positioning of the attachment and prevent it from falling. They also serve as a visual locking indicator.

Powerful springs for optimal equipment retention in case of hydraulic failure

Folding protection system
When using mechanical tools, a folding guard automatically protects the couplers

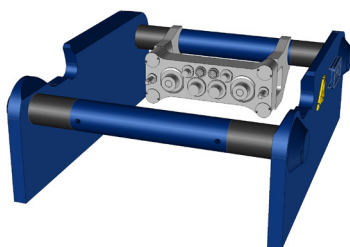
Operated non-return valves for optimal tool retention in the event of hydraulic failure on the excavator



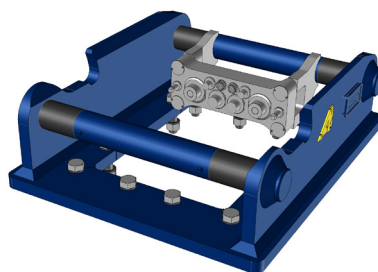
t	Reference	KG	A	B	C	Ø
		Kg	mm	mm	mm	mm
12 - 19	AIO 350	160	480	340	80	60
20 - 32	AIO 551	310	600	550	100	70
26 - 40	AIO 601	310	670	590	115	80

Options

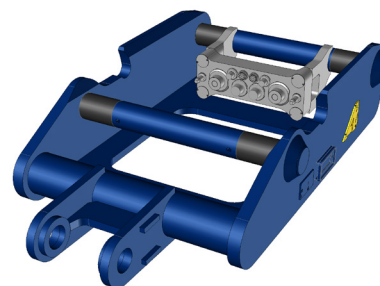
Various AIO top plates are available and perfectly compatible: assemble with no a gab for efficiency and durability



Frame to be welded



Internal hoses



Suspension link without second link

It is possible to equip the AIO with an ATR to allow 360° rotation of the attachment and tilt on both sides.



+33 (0)3 24 33 64 30

contact@arden-equipment.com

9 avenue de l'Industrie FR - 08000 Charleville-Mézières

www.arden-equipment.com

