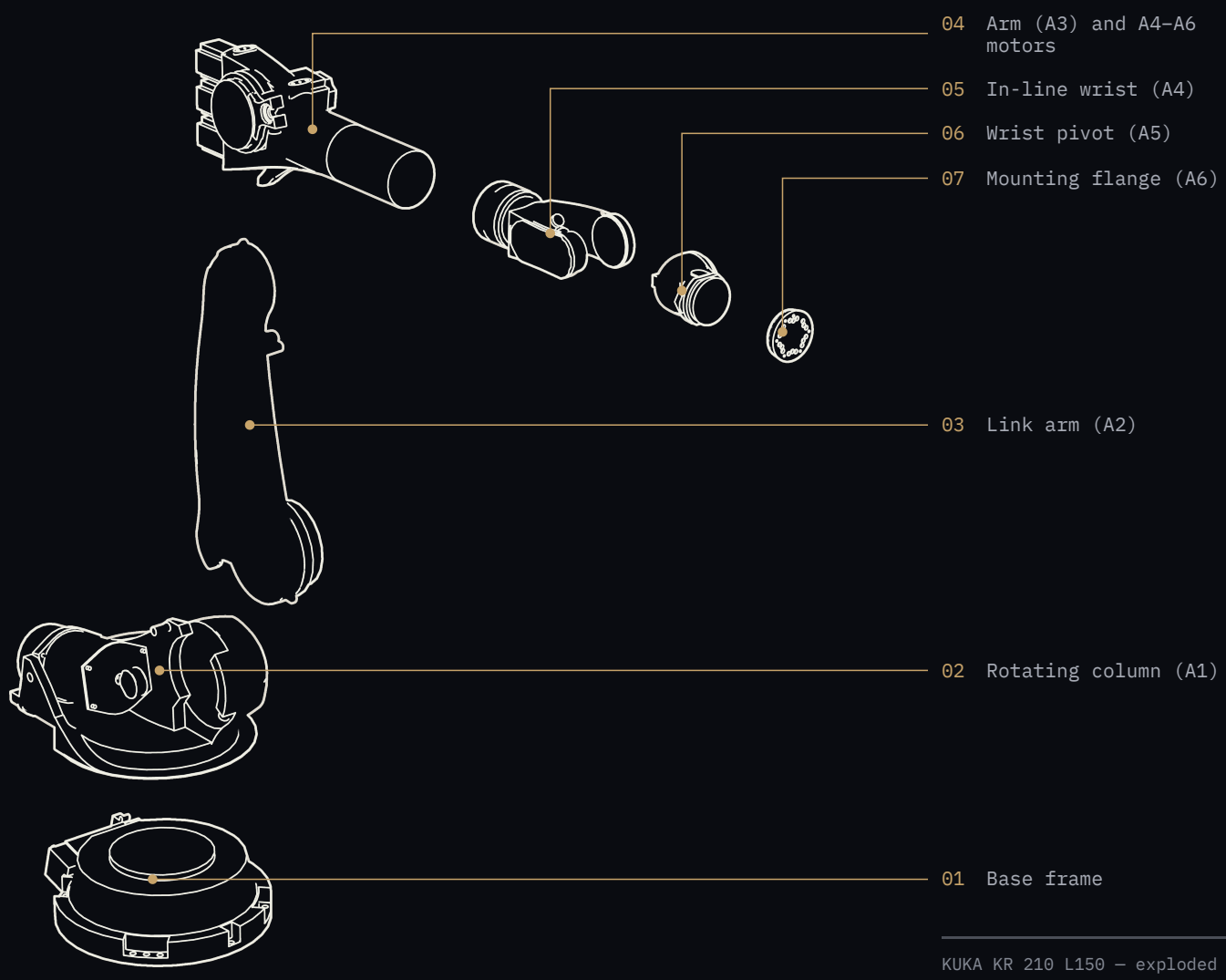
XPERT-ROBOT
AU SERVICE DE L'INDUSTRIE

Maintenance · Robots · Parts

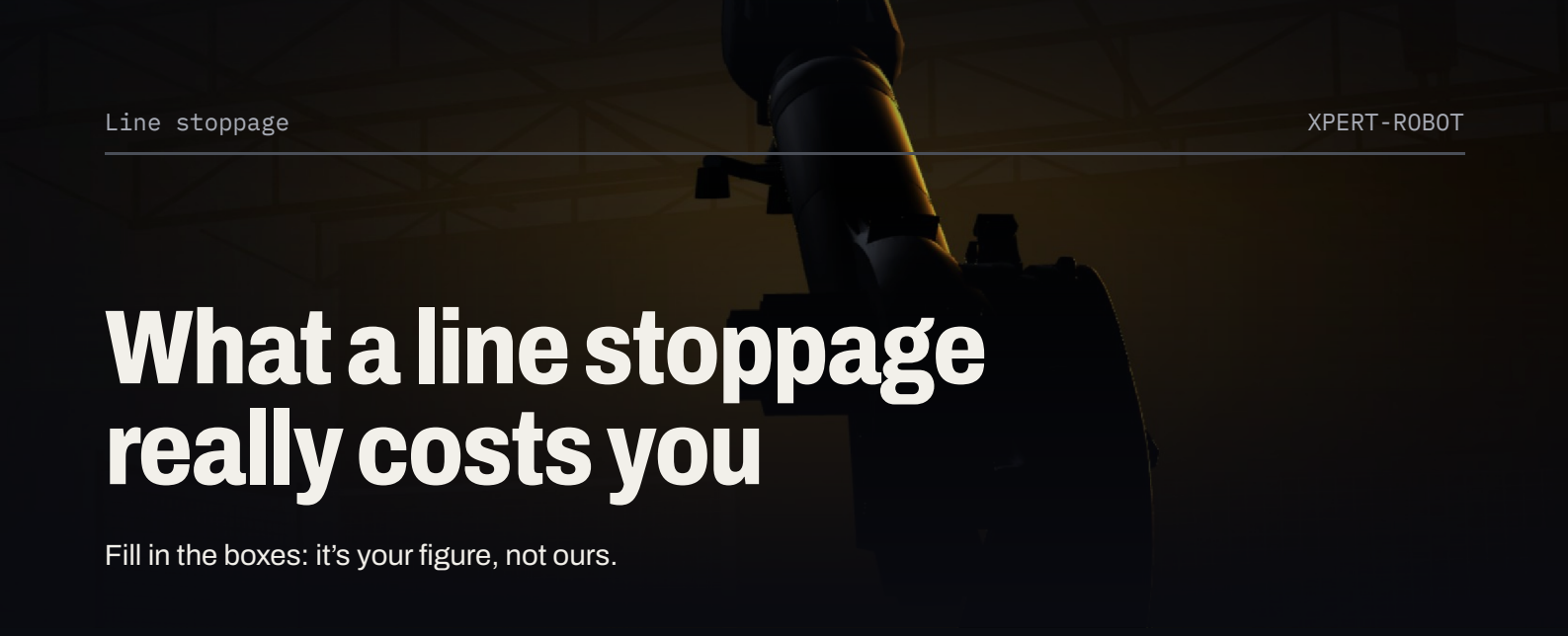
One team for every robot brand you run

FANUC RJ3→R-30iB Plus · KUKA KR C1→KR C5
ABB S4→OmniCore · MITSUBISHI CR750 · CR800



KUKA KR 210 L150 — exploded view

FANUC KUKA ABB MITSUBISHI



What a line stoppage really costs you

Fill in the boxes: it's your figure, not ours.

(	Lost production parts not produced × margin	€/h	
+	Idle labour operators standing by	€/h	)
×	Downtime from fault to back in production	h	
+	Scrap work in progress when the fault hit	€	
+	Penalties late deliveries	€	
=	**Cost of the stoppage**	€	

`( Lost production + Idle labour ) × Downtime + Scrap + Penalties`

Run the numbers at **xpert-robot.fr**: the calculator on the site walks you through it.

Our answer

Before a breakdown

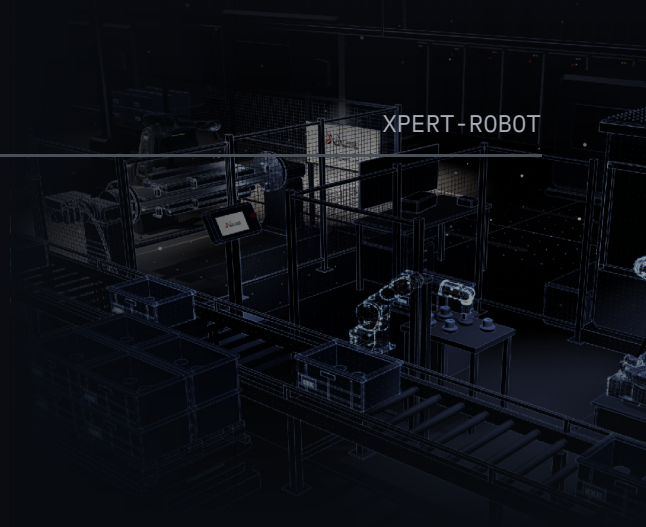
Planned preventive maintenance, robot by robot

One-off, annual or three-year contracts: service rate guaranteed for the term of the contract, parts quoted separately. Schedule per robot, consumables kits, OEM recommendations.

When it breaks

One team that already knows the controller

Remote technical support first, then field service. A full controller backup comes first; restart signed off with your operators.



From maintenance to spare parts: the same team

Item	Service	What you gain
01	**Preventive maintenance** One-off, annual or three-year	Schedule per robot, consumables kits, OEM recommendations, one report per robot.
02	**Corrective maintenance and breakdown repair** Mechanical, electrical, cable harnesses	Remote technical support, then on-site service. Diagnosis starts as soon as you send photos and fault codes.
03	**Functional safety** FANUC, KUKA, ABB	DCS, SafeOperation, SafeMove: each brand's own safety function, configured and tested with you.
04	**Retrofit and upgrades** Controllers and robots	An ageing installed base (RJ3, KR C1, KR C2...) kept running or upgraded, depending on its condition.
05	**Programming** Program review and modification	An existing program reviewed, modified for your new production, then tested.
06	**Commissioning** Support for machine validation and acceptance	Robots fitted out (utilities, fieldbus), production signed off with your operators.
07	**On-site training** Pendant, programming, operation	Your teams trained on their own robots: smartPAD, teach pendant, mastering, maintenance.
08	**Robot and spare parts sales** New · refurbished · used, tested and inspected · surplus stock	Robot or part supplied, then installed and commissioned on request by the same team.

OUR METHOD

01
Installed base audit
Models, serial numbers, controllers, hours, history.

02
Proposal built on your installed base
Robot by robot, from what the audit found.

03
On-site service
A full controller backup comes first.

04
Report and follow-up
One report per robot, tracked from year to year.

Each controller speaks its own language. We speak all four.

A FANUC controller isn't set up like a KUKA. Nor is functional safety: each brand has its own.

Brand	Controller generations	Functional safety
FANUC	RJ3 / RJ3iB → R-30iA / R-30iB / R-30iB Plus	DCS*
KUKA	KR C1 · KR C2 · KR C4 · KR C5	SafeOperation*
ABB	S4 · S4C · S4C+ · IRC5 · OmniCore	SafeMove*
MITSUBISHI	CR750 · CR800	optional
YASKAWA	NX100 · DX100 · DX200 · YRC1000	optional

* Depending on controller generation. All brands: Stäubli, Universal Robots, COMAU…



FANUC
R-30iB Plus



KUKA
KR C5



ABB
IRC5



MITSUBISHI
CR800

Six real-world projects

We don’t name our clients. We do give the sector, country, year, robot and work done.

Sectors served Automotive · food processing · bottling

R.1 Automotive stamping · France · 2025

KUKA KR 125

Axis 2 gearbox (A2), balancer and process dress pack replaced, then return to service.

R.2 Food processing · Maghreb · 2026

FANUC and KUKA

Preventive maintenance contracts for the robots. Supply of greases and spare parts.

R.3 Automotive supplier · Europe · 2026

FANUC M-20iA

Overhaul of the wrist and of the J2 to J6 motors.

R.4 Palletising · France · 2026

Palletising program

Review of the existing program, changed to stack 6 layers per pallet, tested, then remote support for the restart.

R.5 Food processing · Maghreb · 2023

KUKA KR 470 PA

Robot maintenance and extended electrical maintenance of its KR C2 controller.

R.6 Industry · Middle East · 2025

FANUC LR Mate robots

On-site preventive maintenance.



Gearbox opened up



KUKA · wrist repair



Send us the list of your controllers

Quotes · robots · parts

contact@xpert-robot.fr

Price requests, maintenance proposals, robot and parts sales.

Breakdowns

support@xpert-robot.fr

Attach photos and fault codes: diagnosis can start as soon as we have them.

Online form

xpert-robot.fr

Accepts photos, fault codes and robot lists.

Our commitment

First response within 2 hours

Business hours, under a support contract; within 24 hours otherwise. Your technical requests are overseen by Ibrahim CHEBLI, Technical Director.

Robot down

support@xpert-robot.fr

Robots and controllers	Warranty
New	12 months
Surplus stock, never used	6 months
Used, tested and inspected	6 months

For information only; not contractually binding. Warranty terms as per our general terms and conditions.

On site

France, Morocco, Algeria, Tunisia.
Occasionally: Middle East, Spain.

Brands

ABB · FANUC · KUKA · MITSUBISHI · YASKAWA
Stäubli · Universal Robots · COMAU… all brands

XPERT-ROBOT SAS · incorporated on 12 November 2020
Mohamed BELMIR, President · Ibrahim CHEBLI, Technical Director
SAS with share capital of €5,000 · registered office: Saintry-sur-Seine (91), France
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XPERT-ROBOT is not affiliated with the robot manufacturers.
RCS Évry B 891 082 034 · SIRET 891 082 034 00010 · VAT FR28 891082034

Exploded view drawn from the KUKA KR 210 3D model by ros-industrial/kuka_experimental (Apache-2.0 licence).