LIVESPOWER
利夫帕

Painting, welding and palletizing robots from China

Explosion-proof painting robots with published certificates, the paint system around them, and turnkey painting lines — supplied, integrated and shipped by LIVESPOWER. The manufacturer is named on every page; the certificate number is on every explosion-proof model.

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Painting robots — 18 models

Six-axis explosion-proof painting robots in two families. Every certificate number below is published with its issuing body and validity on our certification page, and the PDF is downloadable without a form. Where a model's certificate is not yet on file we say so and make no explosion-proof claim for it.

CMA GR series — built by CMA (Wuhu) Robotics Co., Ltd.

MODEL	PAYLOAD	REACH	REPEATABILITY	CERTIFICATE	SCHEME
GR6100-1700	10 kg	1674 mm	±0.2 mm	CML 17ATEX1114X	ATEX
GR6100-2200	10 kg	2204 mm	±0.2 mm	CML 17ATEX1114X	ATEX
GR6100-2400	10 kg	2374 mm	±0.2 mm	CML 17ATEX1114X	ATEX
GR6100-2700	10 kg	2674 mm	±0.2 mm	CML 17ATEX1114X	ATEX
GR6100-3100	10 kg	3074 mm	±0.2 mm	CML 17ATEX1114X	ATEX
GR6100-3800	10 kg	3750 mm	±0.2 mm	CML 17ATEX1114X	ATEX
GR6150-1500	15 kg	1500 mm	±0.2 mm	CML 23ATEX1156X	ATEX
GR6150-2000	15 kg	2000 mm	±0.2 mm	—	—
GR6150-2200	15 kg	2200 mm	±0.2 mm	—	—
GR6150-2500	15 kg	2500 mm	±0.2 mm	—	—
GR6150-2900	15 kg	2900 mm	±0.2 mm	CML 20ATEX1065X	ATEX
GR6160-3200	16 kg	3240 mm	±0.2 mm	—	—
GR680-2700	8 kg	2715 mm	±0.2 mm	CML 17ATEX1115X	ATEX

SR series — built by Zhihui Robot Technology (Wuxi), portable base, GB/T 3836

MODEL	PAYLOAD	REACH	REPEATABILITY	CERTIFICATE	SCHEME
SR10-3800	10 kg	3800 mm	—	GYB23.3310X	GB/T 3836
SR12-2000	12 kg	2000 mm	—	GYB23.3310X	GB/T 3836
SR12-3200	12 kg	3200 mm	—	GYB23.3310X	GB/T 3836
SR5-1600	5 kg	1600 mm	—	GYB23.3310X	GB/T 3836
SR8-2600	8 kg	2600 mm	—	GYB23.3310X	GB/T 3836

> **What we supply around the robot:** automatic and air-assisted spray guns, rotary bells, colour-change valve stacks, 2K mixing and paint supply (pumps, pressure tanks, circulation), gear pumps and dosing, seventh-axis tracks and workpiece positioners, booth and conveyor scope, and pre-integration testing of the whole cell before shipment.

Welding and palletizing — EFORT

Arc welding — EFORT ARC series

MODEL	AXES	PAYLOAD	REACH	REPEATABILITY	WEIGHT	IP
ARC10-1600	6	10 kg	1604 mm	±0.03 mm	169 kg	IP54 / IP67 (wrist)
ARC12-1400	6	12 kg	1479 mm	±0.03 mm	165 kg	IP54 / IP67 (wrist)
ARC12-2000	6	12 kg	2025 mm	±0.03 mm	185 kg	IP54 / IP67 (wrist)

Palletizing — EFORT four-axis

MODEL	AXES	PAYLOAD	REACH	REPEATABILITY	WEIGHT	IP
ER15-4-1600	4	15 kg	1625 mm	±0.07 mm	180 kg	IP54 / IP65 (wrist)
ER130-4-2800	4	130 kg	2816 mm	±0.1 mm	970 kg	IP54 / IP65 (optional)
ER180-4-3200	4	180 kg	3160 mm	±0.1 mm	1350 kg	IP54 / IP65 (optional)

Industrial six-axis — EFORT ER series, 22 models

MODEL	AXES	PAYLOAD	REACH	REPEATABILITY	WEIGHT	IP
ER3-600	6	3 kg	593 mm	±0.02 mm	27 kg	IP40
ER10-700	6	10 kg	712 mm	±0.02 mm	41 kg	IP65 / IP67 (wrist)
ER10-900	6	10 kg	910 mm	±0.02 mm	43 kg	IP65 / IP67 (wrist)
ER8-1300	6	8 kg	1291 mm	±0.03 mm	80 kg	IP65 / IP67 (wrist)
ER10-1100	6	10 kg	1142 mm	±0.025 mm	78 kg	IP65 / IP67 (wrist)
ER12-900	6	12 kg	944 mm	±0.02 mm	75 kg	IP65 / IP67 (wrist)
ER15-1400	6	15 kg	1420 mm	±0.03 mm	150 kg	IP65 / IP67 (wrist)
ER20-1100	6	20 kg	1143 mm	±0.03 mm	145 kg	IP65 / IP67 (wrist)
ER12H-1600	6	12 kg	1604 mm	±0.03 mm	169 kg	IP54 / IP67 (wrist)
ER12H-2000	6	12 kg	2025 mm	±0.03 mm	185 kg	IP54 / IP67 (wrist)
ER15H-1400	6	15 kg	1479 mm	±0.03 mm	165 kg	IP54 / IP67 (wrist)
ER12-2100	6	12 kg	2051 mm	±0.05 mm	165 kg	IP54 / IP67 (wrist)
ER25-1600	6	25 kg	1660 mm	±0.05 mm	172 kg	IP54 / IP67 (wrist)
ER25-1800	6	25 kg	1850 mm	±0.05 mm	175 kg	IP54 / IP67 (wrist)
ER25-2300	6	25 kg	2295 mm	±0.05 mm	315 kg	IP54 / IP67 (wrist)
ER35-1900	6	35 kg	1875 mm	±0.05 mm	275 kg	IP54 / IP67 (wrist)
ER50-2100	6	50 kg	2146 mm	±0.06 mm	550 kg	IP54 / IP67 (wrist)
ER70-1900	6	70 kg	1901 mm	±0.06 mm	545 kg	IP54 / IP67 (wrist)
ER70-2100	6	70 kg	2146 mm	±0.06 mm	550 kg	IP54 / IP67 (wrist)
ER150-2700	6	150 kg	2674 mm	±0.1 mm	1110 kg	IP65
ER150-3200	6	150 kg	3192 mm	±0.2 mm	1150 kg	IP65
ER210-2700	6	210 kg	2674 mm	±0.1 mm	1110 kg	IP65

Standard robots — EFORT

Desktop and mini — specifications published

MODEL	AXES	PAYLOAD	REACH	REPEATABILITY	WEIGHT	IP
ER7-700	6	7 kg	713 mm	±0.02 mm	36 kg	IP65 / IP67 (wrist)
ER7-900	6	7 kg	911 mm	±0.03 mm	38 kg	IP65 / IP67 (wrist)
ER12-1400	6	12 kg	1391 mm	±0.03 mm	90 kg	IP65 / IP67 (wrist)
ER10-3-900	3	10 kg	860 mm	±0.05 mm	30 kg	IP54
ER10-4-900	4	10 kg	860 mm	±0.05 mm	35 kg	IP54
ER16-3-900	3	16 kg	944 mm	±0.03 mm	56 kg	IP65
ER16-4-900	4	16 kg	944 mm	±0.03 mm	58 kg	IP65

SCARA — EFORT ESR series

MODEL	PAYLOAD	ARM LENGTH	Z STROKE	REPEATABILITY	STANDARD CYCLE
ESR3-400Z15	3 kg	400 mm	150 mm	±0.01 mm	0.433 s
ESR6-500Z20	6 kg	500 mm	200 mm	±0.015 mm	0.448 s
ESR6-600Z20	6 kg	600 mm	200 mm	±0.015 mm	0.448 s
ESR6-700Z20	6 kg	700 mm	200 mm	±0.015 mm	0.525 s
ESR10-600Z20	10 kg	600 mm	200 mm	±0.015 mm	0.578 s
ESR10-700Z20	10 kg	700 mm	200 mm	±0.015 mm	0.542 s
ESR10-800Z20	10 kg	800 mm	200 mm	±0.02 mm	0.576 s
ESR10-800Z30	10 kg	800 mm	300 mm	±0.02 mm	0.556 s
ESR20-4-800	20 kg	800 mm	300 mm	±0.025 mm	0.387 s
ESR20-4-1000	20 kg	1000 mm	300 mm	±0.025 mm	0.439 s

Collaborative — ECR5

MODEL	AXES	PAYLOAD	REACH	REPEATABILITY	WEIGHT	IP
ECR5	6	5 kg	928 mm	±0.03 mm	20.5 kg	IP54

The rest of the range — designations we quote

Mini and desktop — Small parts, electronics, laboratory and teaching cells
`ER3-600 · ER7-700 · ER7-900 · ER8-700H · ER8-900H · ER10-700 · ER10-900 · ER10-3-900 · ER10-4-900 · ER16-3-900 · ER16-4-900 · ER8-1300 · ER10-1100 · ER12-900 · ER12-1400`

Small payload — Machine tending, assembly, dispensing
`ER6-1400 · ER6-2000 · ER10-1600 · ER12H-1600 · ER12H-2000 · ER15H-1400 · ER15-1400 · ER20-1100`

Medium payload — Handling with reach, press tending, deburring, spot welding
`ER12-2100 · ER20-1700 · ER25-1600 · ER25-1800 · ER25-2300 · ER25-2700 · ER35-1800 · ER35-1900 · ER35-2700 · ER50-1900 · ER50-2100 · ER50-2100-II · ER50-2700 · ER70-2100 · ER70-2100-II · ER25P-2700 · ER35P-2700 · ER50P-2700`

Large payload — Heavy handling, body-in-white spot welding, press lines, foundry
`ER150-2700 · ER150-3200 · ER155-3200 · ER210-2700 · ER210-3100 · ER230-2700 · ER230-3100 · ER280-3100 · ER280-3200 · ER300-2700 · ER360-2700 · ER360-2800 · ER360-3300 · ER400-3700 · ER500-2800 · ER700-2800 · ER100P-3500 · ER100P-3900`

SCARA — High-speed pick and place, screwdriving, dispensing on a flat plane
`ESR3-400Z15 · ESR4-300Z15 · ESR5-4-550T · ESR6-500Z20 · ESR6-600Z20 · ESR6-700Z20 · ESR10-600Z20 · ESR10-700Z20 · ESR10-800Z20 · ESR10-800Z30 · ESR10-800Z42 · ESR20-800Z42 · ESR20-1000Z42 · ESR30-1000Z42 · ESR50-1200Z40 · ESR65-1200Z40 · ESR10-3-550Z15 · ESR10-3-650Z15 · ESR10-3-750Z15`

Collaborative — Hand-guided teaching, shared workspace with force limiting
`ECR5`

Explosion-protected handling — Ex-rated versions for classified areas outside the paint booth
`EXR8-1300 · EXR10-1100 · EXR12-900 · EXR12-1400 · EXR25-2300 · EXR50-1900 · EXR150-2700 · EXR210-2700`

High protection / foundry — Sealed for casting, quenching, washing and machining coolant
`ER155-3200F · ER230-2700F · ER230-3100F · ER300-2700F`

Palletizing — Four-axis palletizers — three of these are already on our palletizing page
`ER15-4-1600 · ER15-4-1600H · ER130-4-2800 · ER180-4-3200`

Specifications are published where we hold the manufacturer datasheet for that exact model; for the other designations we send the datasheet on request rather than deriving figures from the model name.

How we work

Explosion-proof certificates we publish

CERTIFICATE	COVERS	SCHEME / BODY
CML 20ATEX1065X	GR6150-2900	ATEX · CML B.V. NB 2776
CML 23ATEX1156X	GR6150-1500	ATEX · CML B.V. NB 2776
CML 17ATEX1114X	GR6100 series (variant coverage to be confirmed)	ATEX · CML B.V. NB 2776
CML 17ATEX1115X	GR680 series (variant coverage to be confirmed)	ATEX · CML B.V. NB 2776
GYB23.3310X (China, GB/T 3836)	SR5-1600, SR8-2600, SR10-3800, SR12-2000, SR12-3200	China GB/T 3836 · NEPSI
CE22.1459X	GR6150-1500 · issued 29 Jul 2022 · valid to 29 Jul 2027	China GB/T 3836 · PCEC
CE22.8038	GR680-2700 (variant coverage to be confirmed) · issued 5 Dec 2022 · valid to 5 Dec 2027	China GB/T 3836 · PCEC
CE22.8040	GR6100 series (variant coverage to be confirmed) · issued 5 Dec 2022 · valid to 5 Dec 2027	China GB/T 3836 · PCEC

Packing and shipping — complete painting robots

MODEL	CRATE SIZE (MM)	NET (KG)	GROSS (KG)
GR6150-1500	2,500 × 1,100 × 1,645	400	550
GR630-1900	2,500 × 1,100 × 2,000	520	670
GR680-2700	2,500 × 1,100 × 2,200	600	750
GR6100-1700	2,500 × 1,100 × 2,200	1,000	1,100
GR6150-2900	2,500 × 1,100 × 2,200	1,100	1,250
GR6100-3800	2,500 × 1,100 × 2,245	1,125	1,225

Commercial terms

- **Best price on enquiry.** We do not publish prices. Every workstation is priced against your parts, paint system and cycle time, and the applicator, colour change, 2K mixing and paint supply move the figure more than the robot model does. Send the requirement and you get our best price as an itemised offer, on EXW, FOB, CIF or DAP terms.
- Incoterms: EXW, FOB, CIF or DAP. Payment T/T or L/C at sight.
- Lead time 4–6 weeks after deposit for a workstation; a complete line runs to months.
- Warranty 12 months from shipment unless the contract states otherwise.
- Documents issued: commercial invoice, packing list, certificate of origin, bill of lading or air waybill, dangerous-goods declaration where required, and the technical package (FAT report, drawings, manuals).

> **Everything in this catalogue is published as text on livespower.com** — specification tables, certificate PDFs with numbers and validity, crate weights, project records and video. Nothing is behind a form.