



# PROMOVE

DEMOLITION

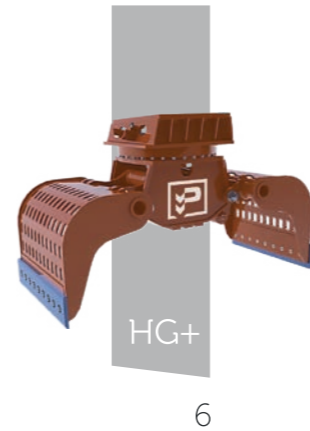
sorting grab



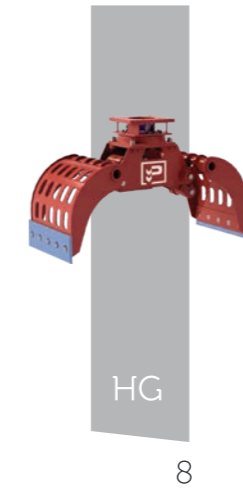
sorting

grab

HEAVY RANGE



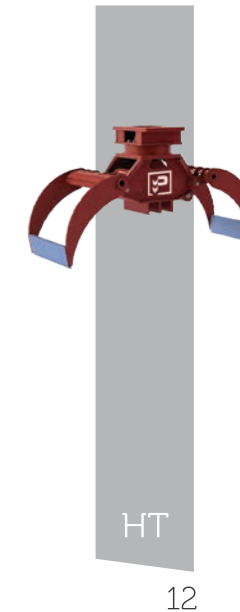
LIGHT RANGE



FORESTRY



FORESTRY





Promove's sorting grabs are the perfect solution for handling different types of material and for small demolition jobs;

More than 20 models, from 75 kg up to 13.000 kg;

Compact design, low weight and short height;

Twin hydraulic motors and pinions for a better power distribution (HG 10.16 upwards);

Easier manoeuvrability thanks to the inclined top plate;

Reduced cylinders oscillation, no hose wear;

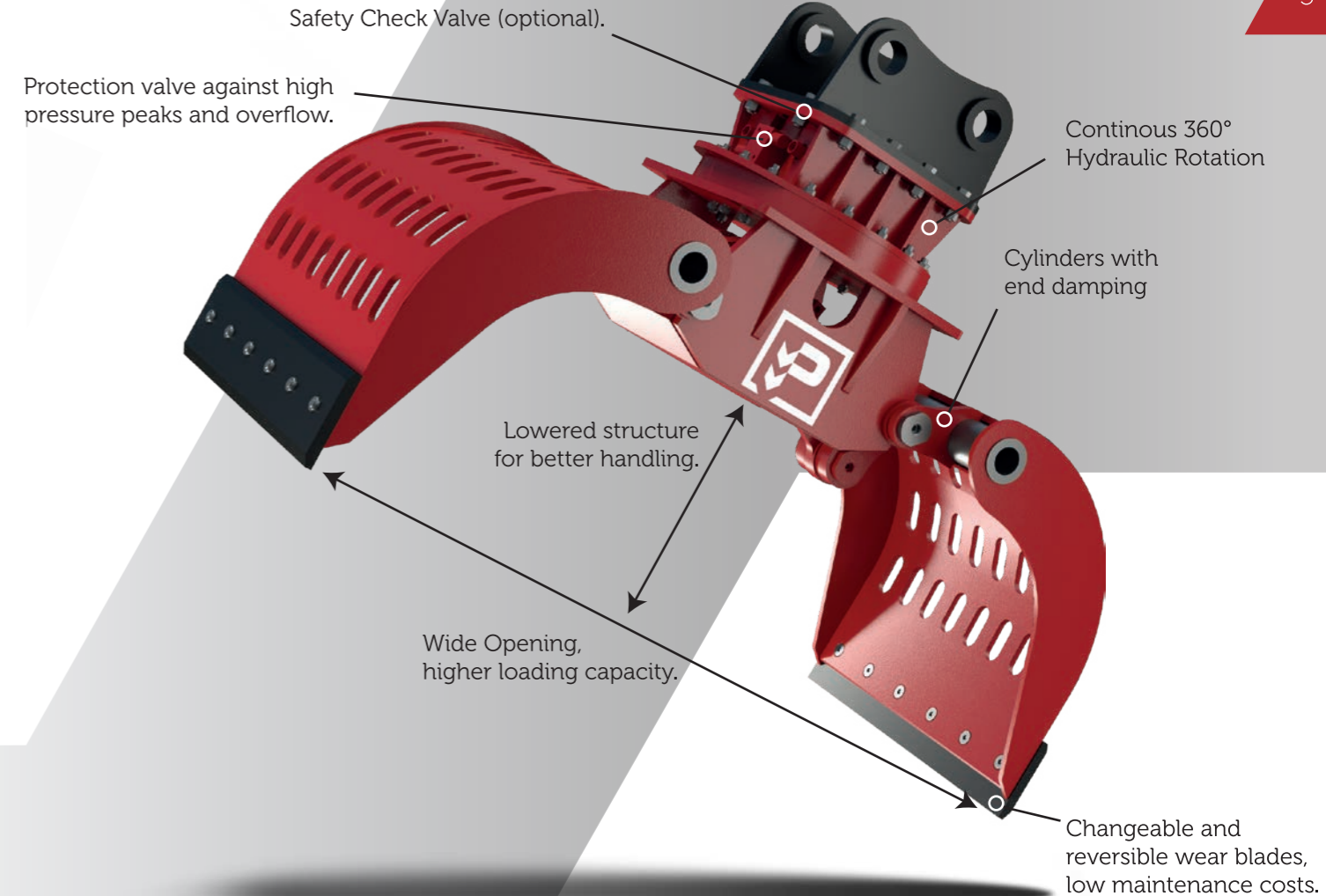
The grab geometry and cylinder kinematics allow to reduce the stress on the main body and pins by up to 50%;

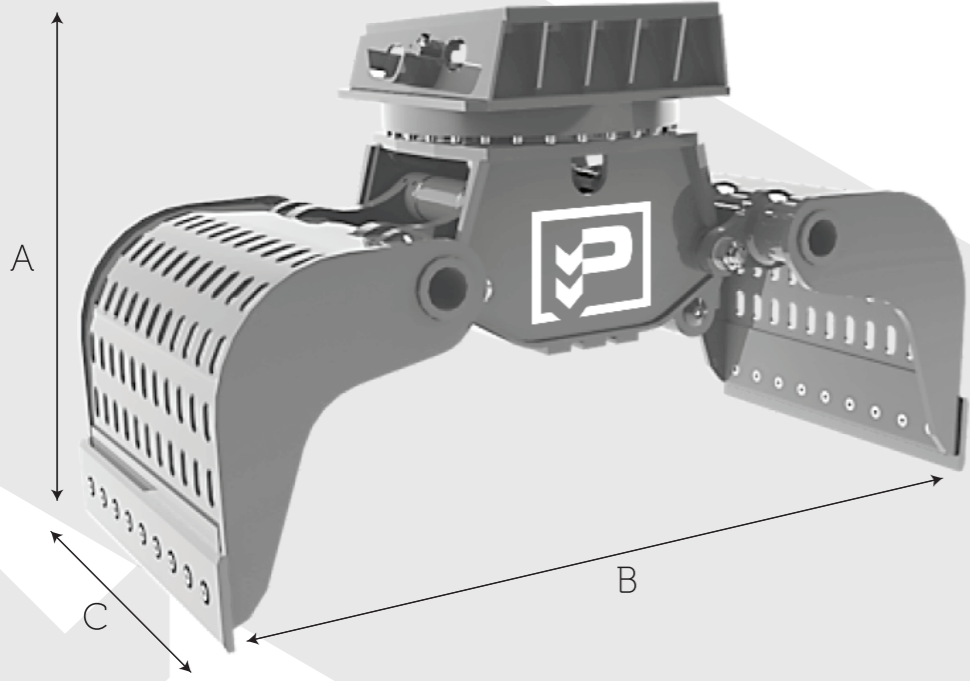
4 chromed pins;

Easily to find grease nipples (not through pins);

One-piece perforated shell skins in Hardox for a better durability.

## SORTING GRAB





# Heavy Range

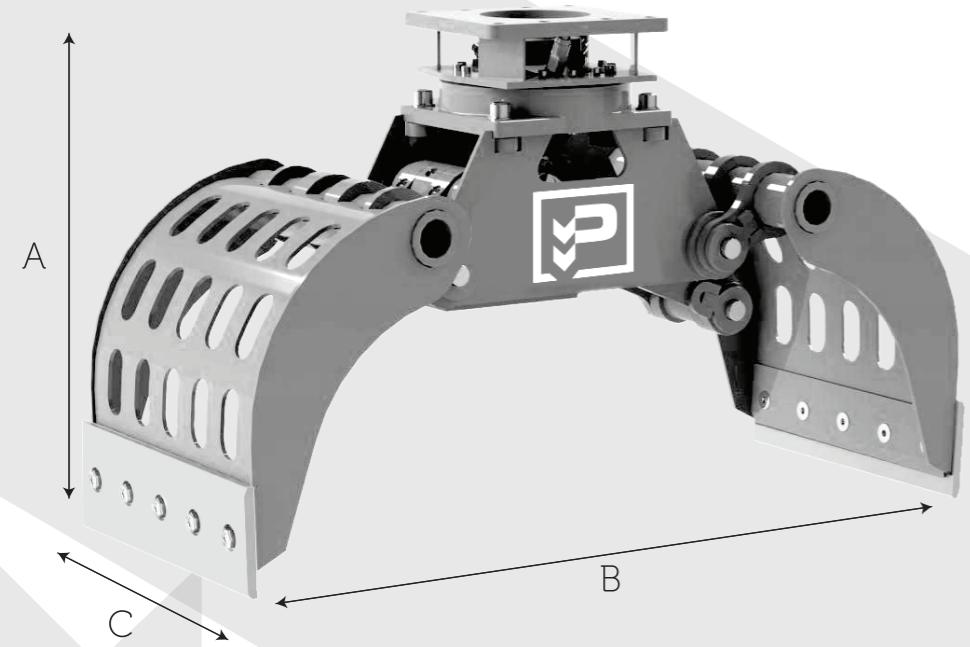


HG+



Fix version available on demand

Technical Specifications	HG+ 16.25	HG+ 17.28	HG+ 20.28	HG+ 23.30	HG+ 24.35	HG+ 25.38	HG+ 28.40	HG+ 30.50	HG+ 35.50	HG+ 40.65	HG+ 45.80	HG+ 45.100	HG+ 70.120	HG+ 100.200
Grab Weight (lb)	2,976	3,120	3,306	3,858	3,968	4,189	5,511	5,952	6,614	8,818	9,259	11,023	15,983	28,660
Excavator Weight (lb)	35,270 / 55,115	37,478 / 61,728	44,092 / 61,728	50,706 / 66,138	52,910 / 77,161	55,115 / 83,775	61,730 / 88,184	66,138 / 110,230	77,161 / 110,230	88,184 / 143,300	99,207 / 176,368	99,207 / 220,460	154,322 / 264,552	220,460 / 440,920
Max Opening (in) – B	81.9	81.9	81.9	87.75	93.6	87.75	87.75	87.75	95.5	111.1	111.1	117	148.2	171.6
Width (in) – C	36.2	39	46.8	46.8	46.8	46.8	46.8	53	58.5	58.5	58.5	58.5	70.2	70.2
Height (in) – A	57.1	57.3	57.3	59.0	61.0	65.0	66.9	68.9	70.9	70.2	70.2	84.6	87.7	122.3
Max Pressure <b>Open/Close</b> (psi)	5,076	5,076	5,076	5,076	5,076	5,076	5,076	5,076	5,076	5,076	5,076	5,076	5,076	5,076
Oil Flow <b>Open/Close</b> (gpm)	39.6	42.2	42.2	44.9	44.9	47.5	52.8	52.8	52.8	66	66	79.2	84.5	92.5
Max Pressure <b>Rotation</b> (psi)	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,626	3,626
Oil Flow <b>Rotation</b> (gpm)	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	10.5	13.2	15.8	18.5	26.4
Capacity (Yd <sup>3</sup> )	0.97	1.04	1.10	1.17	1.23	1.17	1.3	1.43	1.69	1.95	1.95	2.08	4.68	5.98
Closing force (Tonf)	5.6	6.9	6.9	8.2	8.2	8.2	9.2	9.2	9.2	11.2	11.2	13.3	15	18.4

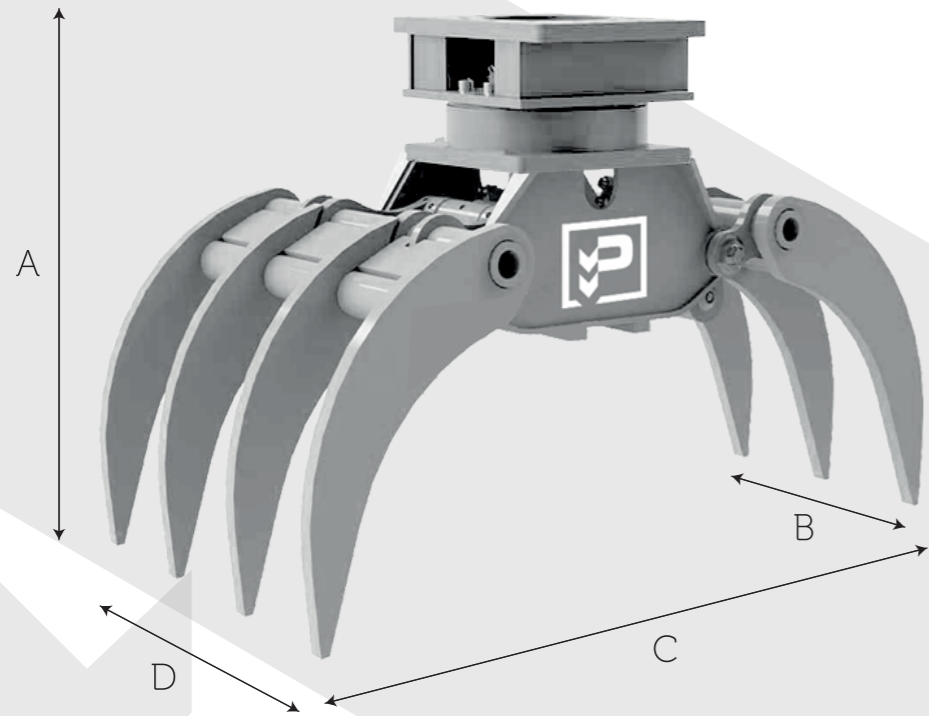


Light Range



Fix version available on demand

Technical Specifications	HG 0.1	HG 1.2	HG 2.3	HG 3.4	HG 4.6	HG 5.8	HG 6.11	HG 7.12	HG 10.16	HG 12.20	HG 13.20	HG 16.20
Grab Weight (lb)	165.3	198.4	308.6	529.1	771.6	881.8	992	1,322.8	1,851	2,061.3	2,171.5	2,193.6
Excavator Weight (lb)	1,540 / 2,645	2,204 / 4,400	2,645 / 6,614	5,500 / 8,820	8,820 / 13,225	11,020 / 17,637	13,225 / 24,250	15,430 / 26,455	22,045 / 35,274	26,455 / 44,092	28,660 / 44,092	35,270 / 44,092
Max Opening (in) - B	23.4	30	29.5	45.2	54.6	58.5	60.4	66.3	70.8	76	76	76
Width (in) - C	11.7	13.6	17.5	19.5	23.4	27.3	27.3	23.4	31.2	31.2	35.1	39
Height (in) - A	23.2	23.8	27.5	33.5	37.4	39.4	43.3	41	47.2	47.8	51.6	48.6
Max Pressure <b>Open/Close</b> (psi)	4,351	4,351	4,351	4,351	4,351	4,351	4,641	5,076	5,076	5,076	5,076	5,076
Oil Flow <b>Open/Close</b> (gpm)	3.96	5.28	6.60	9.25	10.57	13.21	18.49	23.78	26.42	31.70	31.70	31.70
Max Pressure <b>Rotation</b> (psi)	3,045	3,045	3,045	3,045	3,045	3,045	3,045	3,045	3,045	3,045	3,045	3,045
Oil Flow <b>Rotation</b> (gpm)	1.3	1.3	2.6	2.6	3.17	3.17	3.96	3.96	6.60	6.60	6.60	6.60
Capacity (Yd <sup>3</sup> )	0.04	0.05	0.09	0.13	0.19	0.26	0.26	0.39	0.52	0.65	0.78	0.91
Closing force (Tonf)	0.61	0.71	1.53	2.04	2.35	2.45	2.45	3.06	3.57	4.69	4.69	4.69

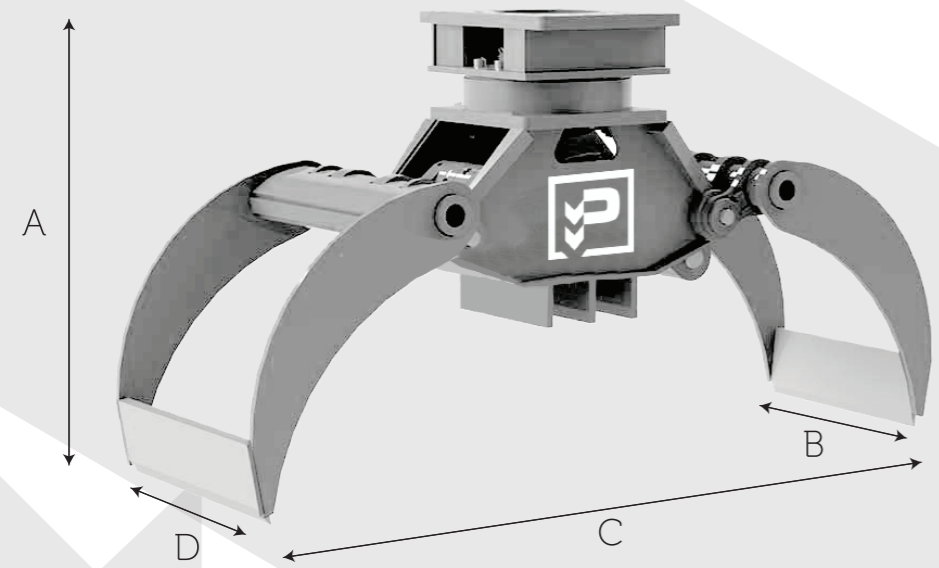


Forestry



Fix version available on demand

Technical Specifications	HT 2.3 - 7	HT 3.5 - 7	HT 5.8 - 7	HT 6.11 - 7	HT 10.16 - 7	HT 12.20 - 7	HT 16.25 - 7	HT 17.28 - 7	HT 25.28 - 7	HT 25.38 - 7
Grab Weight (lb)	352.7	463	881.8	1,102	2,028	2,425	2,535	3,748	3,968	4,519
Excavator Weight (lb)	2,645 / 6,610	7,716 / 11,020	11,020 / 17,630	13,220 / 24,250	22,040 / 35,270	26,450 / 44,090	35,270 / 52,900	37,475 / 61,725	44,090 / 61,725	55,115 / 77,161
Max opening (in) - C	43.31	43.31	60.63	60.63	80.71	80.71	80.71	88.58	88.58	88.58
Shell Width (in) - B	12.87	12.87	19.50	19.50	20.86	25.3	25.35	32.76	32.76	32.76
Shell Width (in) - D	17.55	17.55	28.66	28.66	31.20	35.49	35.49	47.97	47.97	47.97
Height (in) - A	29.83	30.42	39.00	42.90	52.65	52.26	52.26	60.45	60.45	60.45
Max Pressure <b>Open/Close</b> (psi)	4,350	4,350	4,350	4,640	5,076	5,076	5,076	5,076	5,076	5,076
Oil Flow <b>Open/Close</b> (gpm)	7.9	7.9	13.2	18.5	26.4	31.7	31.7	44.9	44.9	44.9
Max Pressure <b>Rotation</b> (psi)	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046
Oil Flow <b>Rotation</b> (gpm)	2.6	2.6	3.1	3.9	6.6	6.6	9.2	9.2	9.2	9.2
Min. Diameter (in)	3.12	3.12	2.73	2.73	4.68	4.87	4.87	7.80	7.80	7.80
Closing force (Tonf)	1.5	1.5	2.4	2.4	3.5	4.6	4.6	6.8	6.8	6.8



Fix version available on demand

Technical Specifications	HT 2.3	HT 3.5	HT 5.8	HT 6.11	HT 10.16	HT 12.20	HT 16.25	HT 17.28	HT 20.28	HT 25.38	HT 30.50
Grab Weight (lb)	330.7	441	749	992	1,764	2,205	2,205	3,307	3,527	3,968	6,393
Excavator Weight (lb)	2,645 / 6,610	7,716 / 11,020	11,020 / 17,630	13,220 / 24,250	22,040 / 35,270	26,450 / 44,090	35,270 / 52,900	37,475 / 61,725	44,090 / 61,725	55,115 / 77,161	66,135 / 110,230
Max opening (in) - C	43.3	43.3	60.6	60.6	80.7	80.7	80.7	88.6	88.6	88.6	112.2
Shell Width (in) - B	15.6	15.6	19.5	19.5	17	24.8	25.3	31.6	31.6	31.6	39
Shell Width (in) - D	17.5	17.5	21.5	21.5	20.1	28.7	28.9	35.5	35.5	35.5	46.8
Height (in) -A	25.8	27.6	33.5	33.6	52.6	52.3	49.6	57.5	55.7	60.5	64.6
Max Pressure <b>Open/Close</b> (psi)	4,350	4,350	4,350	4,640	5,076	5,076	5,076	5,076	5,076	5,076	5,076
Oil Flow <b>Open/Close</b> (gpm)	6.6	6.6	13.21	18.5	26.4	31.7	31.7	42.2	42.2	42.2	52.8
Max Pressure <b>Rotation</b> (psi)	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046	3,046
Oil Flow <b>Rotation</b> (gpm)	2.6	2.6	3.1	3.9	6.6	6.6	9.2	9.2	9.2	9.2	10.5
Min. Diameter (in)	3.12	3.12	2.73	2.73	4.68	4.87	4.87	7.80	7.80	7.80	8.77
Closing force (Tonf)	1.5	1.5	2.4	2.4	3.5	4.6	4.6	6.8	6.8	6.8	9

Forestry

Established in 1989, today Promove is leader in manufacturing and distributing hydraulic breakers, shears and other demolition equipment.

All components are in-house made, through advanced CNC machinery and high technology, assuring maximum precision and finishing of all the surfaces.



Promove's company mission is to maximize customers' satisfaction through continuous improvement of the products' performance and reliability.

In order to achieve these goals, particular attention is dedicated to investments in efficient machineries, increasing productivity, pre and after sales services, Research and Development.





# our Workflow



# 5 reasons why

- 1** From an accurate selection of raw materials to product assembly, all mechanical components are made in-house through advanced CNC machinery following strict quality and testing controls.
- 2** Dimensional and functional testing of all components.
- 3** Outstanding reliability resulting in product durability with low maintenance costs.
- 4** Excellent after sales service, spare parts always on stock, 24h delivery.
- 5** Continuous investments in R&D to improve quality and performance mainly focusing on the customers' needs.

Promove manufactures its products following strict policies and in compliance with ISO 9001:2015 standards: from the selection of raw materials and supply channels to the production and final testing.

Promove ensures that every product order is processed through an integrated quality management software, in addition to the in-house technical department support.



The most precious award for the passion and the day to day work of all our workforce is the number of positive feedback we receive from our customers using our demolition equipment in the hardest quarrying, tunnelling, demolition and construction applications worldwide, whether in underwater conditions or at high-reach.



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sorialab.it

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Contact us

The logo for PROMOVE DEMOLITION features a stylized 'P' icon on the left, followed by the word 'PROMOVE' in a large, bold, white sans-serif font, and 'DEMOLITION' in a smaller, white sans-serif font below it.



**Head quarter**

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