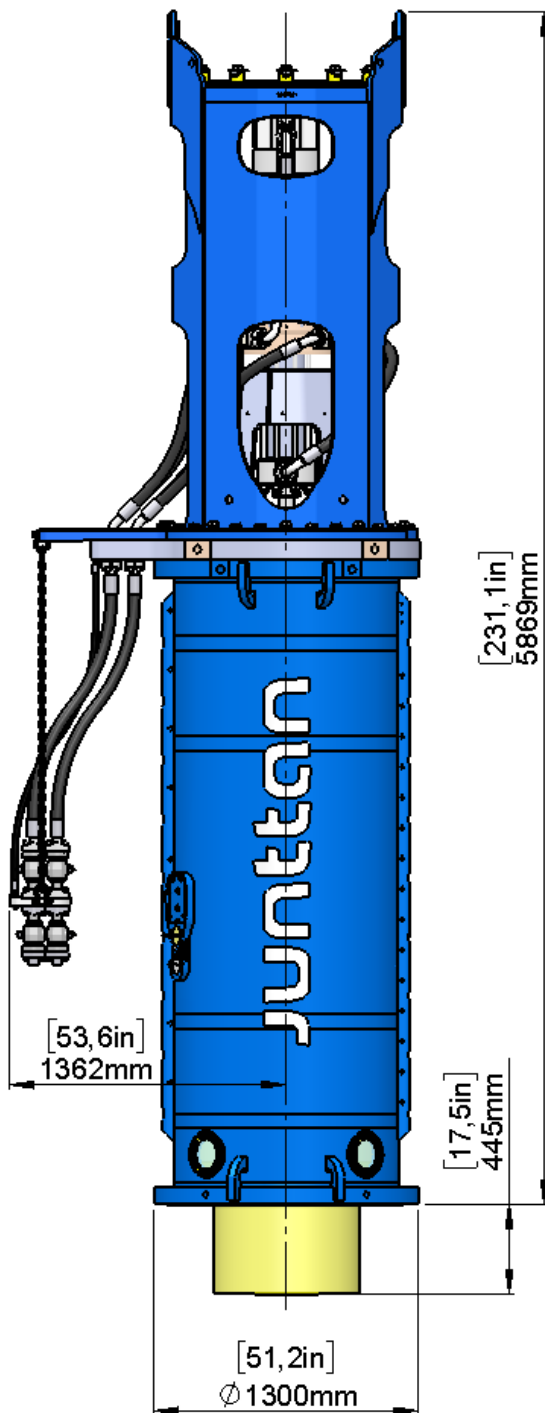


HHx160/130



Weights

Hammer weight	19 400 kg / 42 750 lb
Ram block weight	9 910 kg / 21 850 lb

Hydraulics' specification

Operating pressure	200 bar / 2 900 psi
Oil flow for 60 bl/min	700 L/min / 185 gpm
Pressure accumulators	2 pcs / 10 L
Nitrogen pressure	100 bar @ 20 °C 1 450 psi @ 68 °F
Return accumulators	2 pcs / 10 L
Nitrogen pressure	6 bar @ 20 °C 87 psi @ 68 °F

Pressure hoses	2x 38 mm 2 x 1½ in
----------------	-----------------------

Return hoses	2 x 38 mm 2 x 1½ in
--------------	------------------------

Performance

Max. energy	160 kNm / 118 000 ft-lb
Blow rate @ 160 kNm / 118 000 ft-lb	60 bl/min
Min. energy	10 kNm / 7 375 ft-lb
Blow rate @ 10 kNm / 7 375 ft-lb	180 bl/min
Stroke	1 000 mm / 3 ft



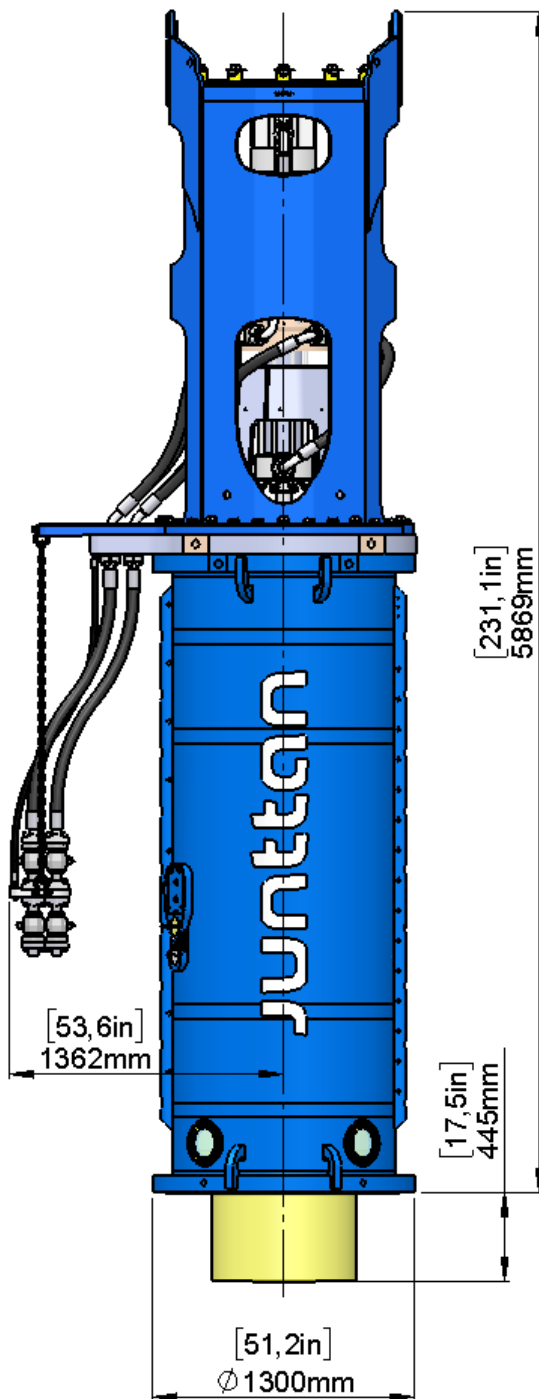
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HHx160/160



Weights

Hammer weight	19 400 kg / 42 750 lb
Ram block weight	9 910 kg / 21 850 lb

Hydraulics' specification

Operating pressure	140 bar / 2 030 psi
Oil flow for 50 bl/min	880 L/min / 233 gpm
Pressure accumulators	2 pcs / 10 L
Nitrogen pressure	70 bar @ 20 °C 1 015 psi @ 68 °F
Return accumulators	2 pcs / 10 L
Nitrogen pressure	6 bar @ 20 °C 87 psi @ 68 °F

Pressure hoses	2x 38 mm 2 x 1½ in
----------------	-----------------------

Return hoses	2 x 38 mm 2 x 1½ in
--------------	------------------------

Performance

Max. energy	160 kNm / 118 000 ft-lb
Blow rate @ 160 kNm / 118 000 ft-lb	50 bl/min
Min. energy	10 kNm / 7 375 ft-lb
Blow rate @ 10 kNm / 7 375 ft-lb	150 bl/min
Stroke	1 000 mm / 3 ft



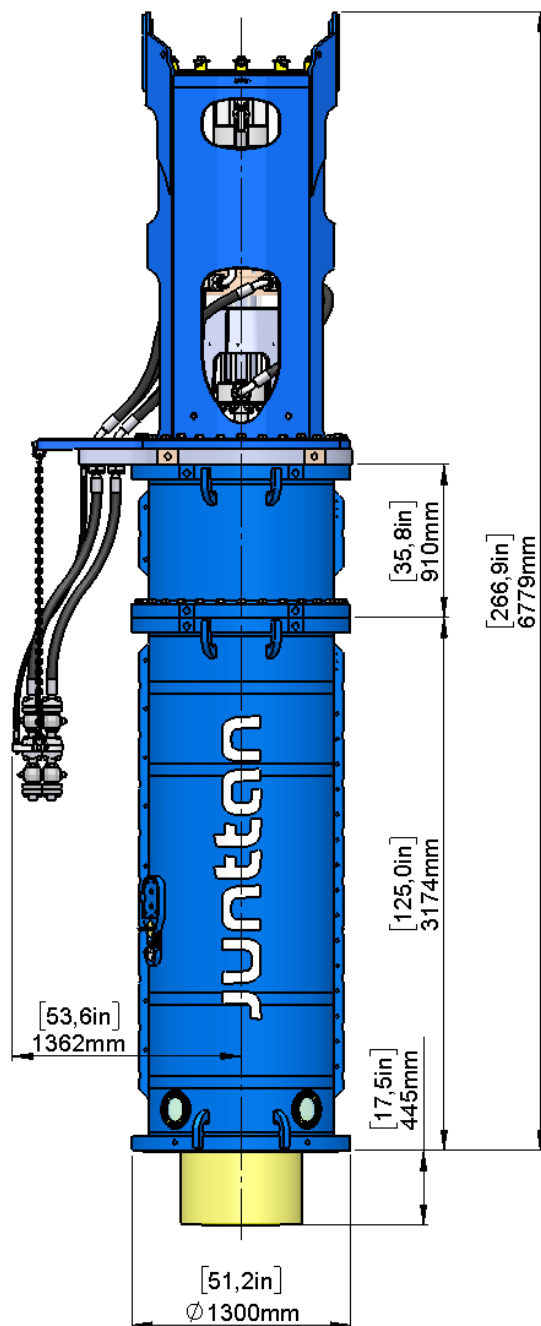
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HHx210/130



Weights

Hammer	25 600 kg / 56 450 lb
Ram block	14 140 kg / 31 200 lb

Hydraulics' specification

Operating pressure	280 bar / 4 061 psi
Oil flow for 60 bl/min	700 L/min / 185 gpm
Pressure accumulators	2 pcs / 10 L
Nitrogen pressure	140 bar @ 20 °C 2 031 psi @ 68 °F
Return accumulators	2 pcs / 10 L
Nitrogen pressure	6 bar @ 20 °C 87 psi @ 68 °F
Pressure hoses	2 x 38 mm 2 x 1½ in
Return hoses	2 x 38 mm 2 x 1½ in

Performance

Max. energy	210 kNm / 154 888 ft-lb
Blow rate @ 210 kNm / 154 888 ft-lb	60 bl/min
Min. energy	15 kNm / 11 063 ft-lb
Blow rate @ 15 kNm / 11 063 ft-lb	180 bl/min
Stroke	1 000 mm / 3 ft



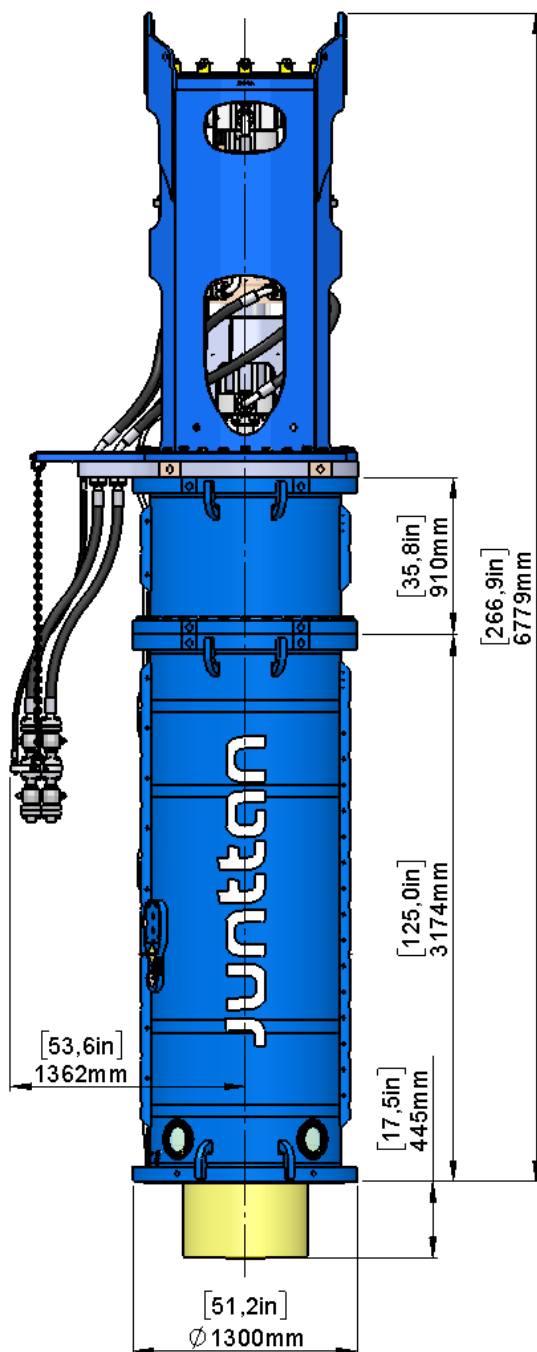
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HHx210/160



Weights

Hammer weight	26 000 kg / 57 300 lb
Ram block weight	14 140 kg / 31 200 lb

Hydraulics' specification

Operating pressure	190 bar / 2 756 psi
Oil flow for 50 bl/min	880 L/min / 233 gpm
Pressure accumulators	3 pcs / 10 L
Nitrogen pressure	95 bar @ 20 °C 1 378 psi @ 68 °F
Return accumulators	3 pcs / 10 L
Nitrogen pressure	6 bar @ 20 °C 87 psi @ 68 °F
Pressure hoses	3 x 38 mm 3 x 1½ in
Return hoses	3 x 38 mm 3 x 1½ in

Performance

Max. energy	210 kNm / 154 888 ft-lb
Blow rate @ 210 kNm / 154 888 ft-lb	50 bl/min
Min. energy	15 kNm / 11 063 ft-lb
Blow rate @ 15 kNm / 11 063 ft-lb	150 bl/min
Stroke	1 000 mm / 3 ft



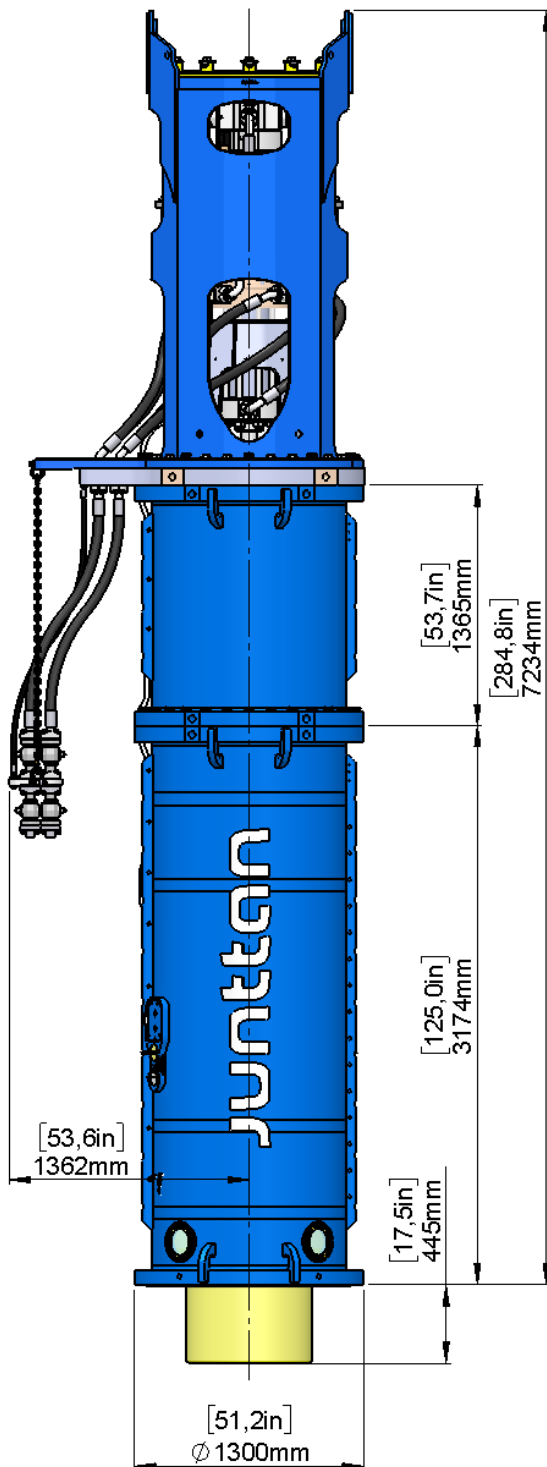
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HHx250



Weights

Hammer weight	28 800 kg / 63 500 lb
Ram block weight	16 260 kg / 35 850 lb

Hydraulics' specification

Operating pressure	220 bar / 3 191 psi
Oil flow for 60 bl/min	880 L/min / 233 gpm
Pressure accumulators	3 pcs / 10 L
Nitrogen pressure	110 bar @ 20 °C 1 595 psi @ 68 °F
Return accumulators	3 pcs / 10 L
Nitrogen pressure	6 bar @ 20 °C 87 psi @ 68 °F
Pressure hoses	3 x 38 mm 3 x 1½ in
Return hoses	3 x 38 mm 3 x 1½ in

Performance

Max. energy	250 kNm / 184 390 ft-lb
Blow rate @ 250 kNm / 184 390 ft-lb	50 bl/min
Min. energy	18 kNm / 13 276 ft-lb
Blow rate @ 18 kNm / 13 276 ft-lb	150 bl/min
Stroke	1 000 mm / 3 ft



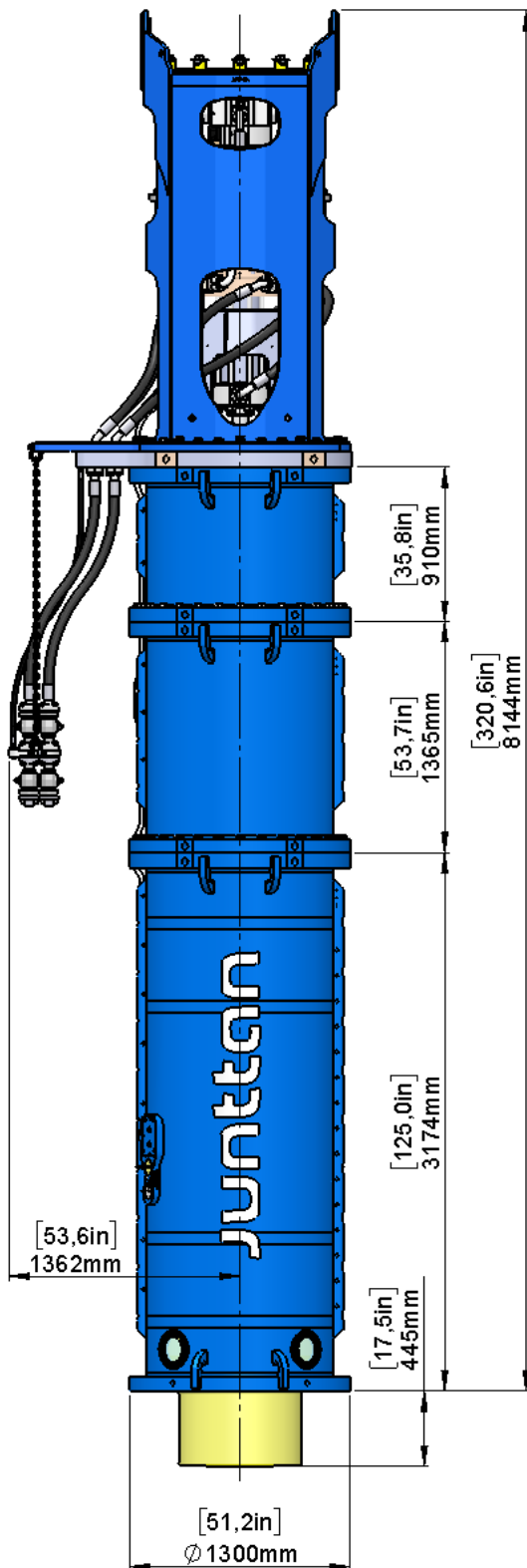
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HHx300



Weights

Hammer weight	34 800 kg / 76 700 lb
Ram block weight	20 510 kg / 45 200 lb

Hydraulics' specification

Operating pressure	280 bar / 4 061 psi
Oil flow for 50 bl/min	880 L/min / 233 gpm
Pressure accumulators	3 pcs / 10 L
Nitrogen pressure	140 bar @ 20 °C 2 030 psi @ 68 °F
Return accumulators	3 pcs / 10 L
Nitrogen pressure	6 bar @ 20 °C 87 psi @ 68 °F
Pressure hoses	3 x 38 mm 3 x 1½ in
Return hoses	3 x 38 mm 3 x 1½ in

Performance

Max. energy	300 kNm / 221 268 ft-lb
Blow rate @ 300 kNm / 221 268 ft-lb	50 bl/min
Min. energy	20 kNm / 14 751 ft-lb
Blow rate @ 20 kNm / 14 751 ft-lb	150 bl/min
Stroke	1 000 mm / 3 ft



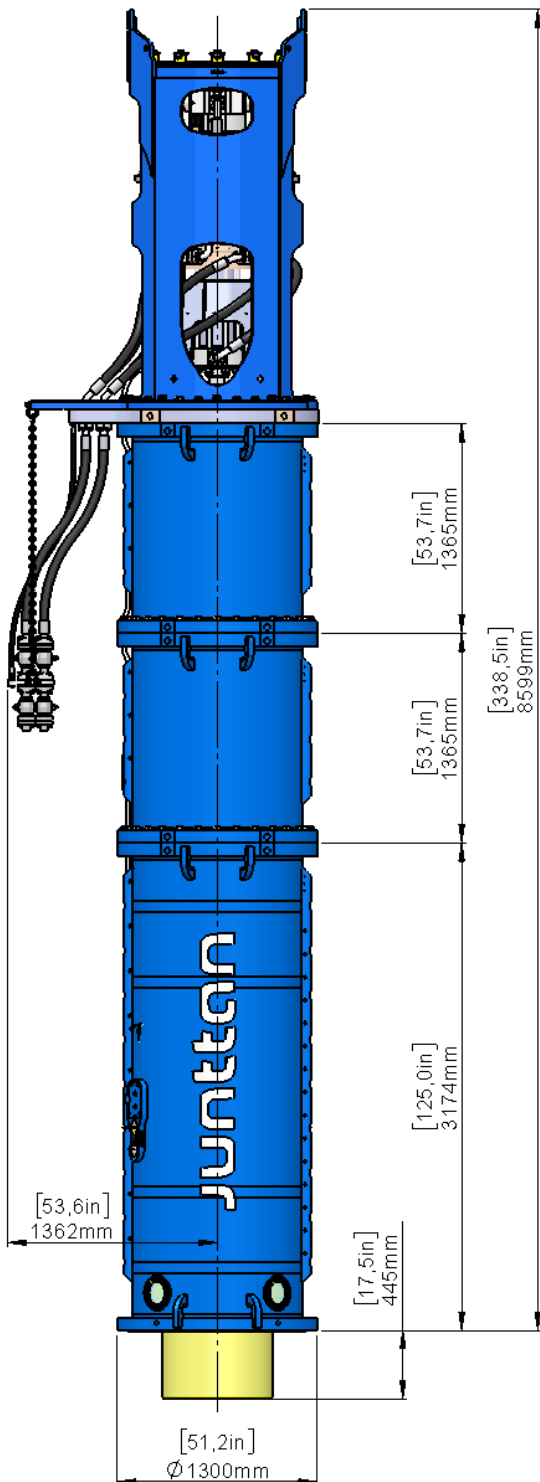
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HHx350



Weights

Hammer weight	37 600 kg / 82 900 lb
Ram block weight	22 610 kg / 49 850 lb

Hydraulics' specification

Operating pressure	290 bar / 4 061 psi
Oil flow for 50 bl/min	880 L/min / 233 gpm
Pressure accumulators	3 pcs / 10 L
Nitrogen pressure	145 bar @ 20 °C 2 103 psi @ 68 °F
Return accumulators	3 pcs / 10 L
Nitrogen pressure	6 bar @ 20 °C 6 psi @ 68 °F
Pressure hoses	3 x 38 mm 3 x 1½ in
Return hoses	3 x 38 mm 3 x 1½ in

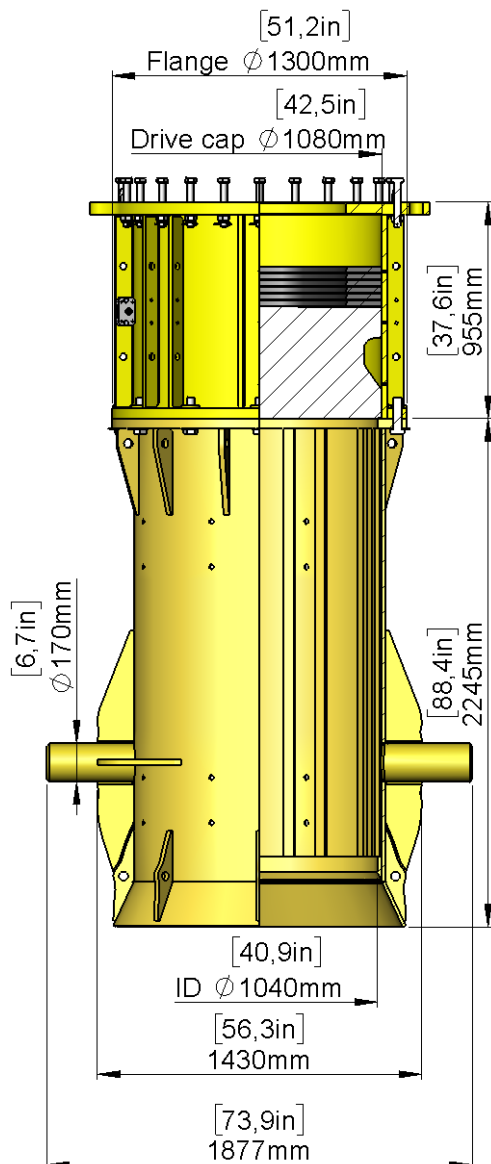
Performance

Max. energy	350 kNm / 258 147 ft-lb
Blow rate @ 350 kNm / 258 147 ft-lb	50 bl/min
Min. energy	23 kNm / 16 964 ft-lb
Blow rate @ 23 kNm / 16 964 ft-lb	150 bl/min
Stroke	1 000 mm / 3 ft



HHx-series

Drive Cap and Pile Guide for OD Ø1016 mm / 40 in pile



Weights

Total: 6 250 kg / 13 800 lb

Total mass includes:

Drive cap housing	1 200 kg / 2 650 lb
Drive cap	3 180 kg / 7 020 lb
Pile sleeve	1 660 kg / 3 660 lb
Rebound rings	190 kg / 420 lb

Junttan nr.
2063307
2052980
2049236
2067695

Accessories

Standard size inserts (8 pcs/pile OD)	
Ø914 mm / 36 in	400 kg / 890 lb
Ø813 mm / 32 in	600 kg / 1 330 lb



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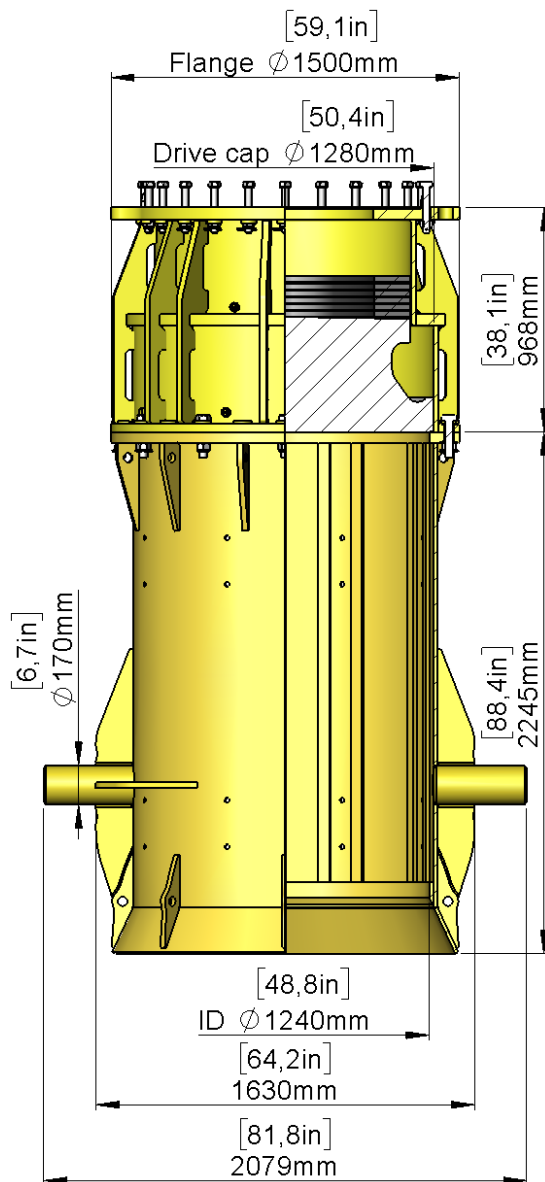
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HHx-serie

Drive Cap and Pile Guide for OD Ø1219 mm / 48 in pile



Weights

Total 7 150 kg / 15 750 lb

Total mass includes:

		Junttan nr.
Drive cap housing	1 540 kg / 3 400 lb	2064832
Drive cap	3 540 kg / 7 810 lb	2052573
Pile sleeve	1 890 kg / 4 170 lb	2038878
Rebound rings	190 kg / 420 lb	2067695

Accessories

Standard size inserts (8 pcs/pile OD)

Ø1020 mm / 40 in	600 kg / 1 330 lb
Ø914 mm / 36 in	700 kg / 1 550 lb
Ø820 mm / 32 in	800 kg / 1 770 lb



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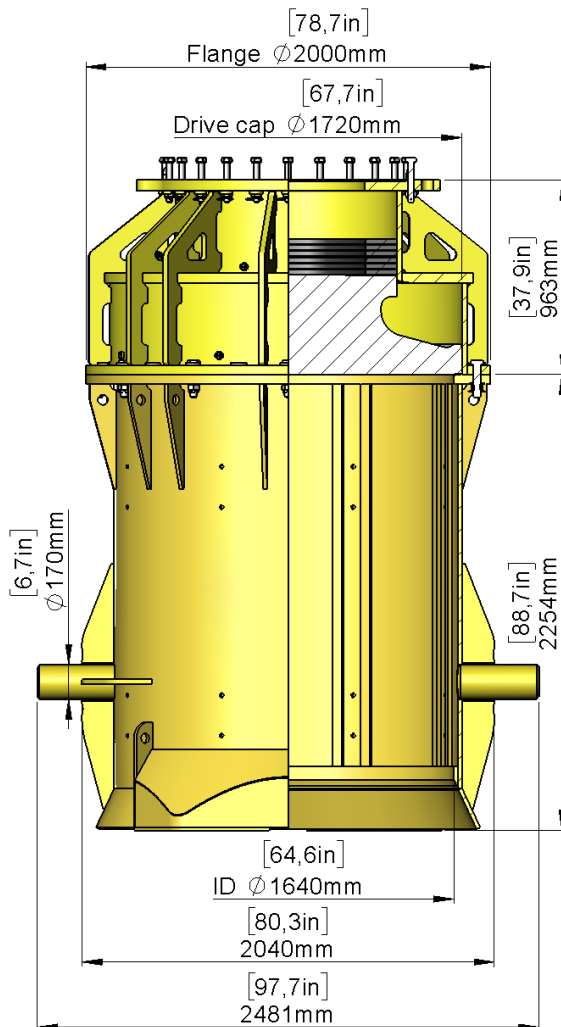
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HHx-serie

Drive Cap and Pile Guide for OD Ø1625 mm / 64 in pile



Weights

Total 10 800 kg / 23 800 lb

Total mass includes:

		Junttan part nr.
Drive cap housing	2 510 kg / 5 540 lb	2064833
Drive cap	4 940 kg / 10 900 lb	2063564
Pile sleeve	3 130 kg / 6 900 lb	2036075
Rebound rings	190 kg / 420 lb	2067695

Accessories

Standard size inserts (8 pcs/pile OD)

Ø1524 mm / 60 in	400 kg / 890 lb
Ø1420 mm / 56 in	600 kg / 1 330 lb
Ø1220 mm / 48 in	800 kg / 1 770 lb



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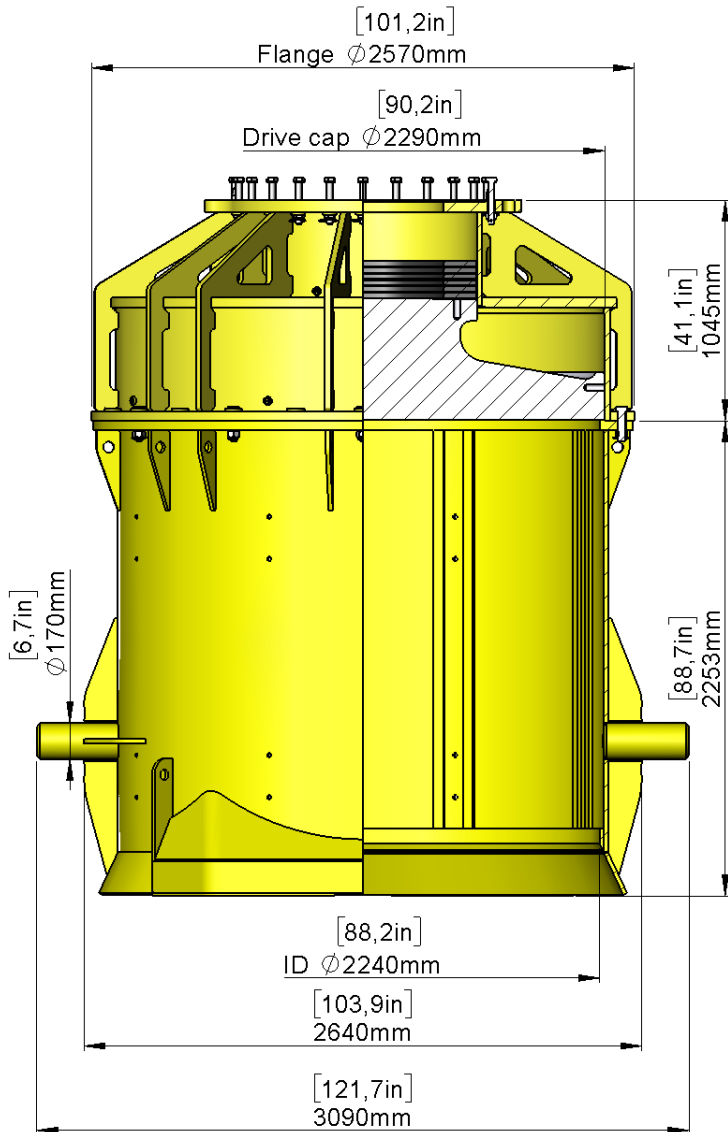
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HHx-serie

Drive Cap and Pile Guide for OD Ø2184 mm / 86 in pile



Weights

Total 17 450 kg / 38 450 lb

Total mass includes:

Drive cap housing 3 830 kg / 8 450 lb
Drive cap 9 580 kg / 21 130 lb

Pile sleeve 3 870 kg / 8 540 lb
Junttan part nr. 2060070

Rebound rings 120 kg / 270 lb
Junttan part nr. 2002082

Accessories

Standard size inserts (8 pcs/pile OD)

Ø2134 mm / 84 in	400 kg / 890 lb
Ø2032 mm / 80 in	600 kg / 1 330 lb
Ø1829 mm / 72 in	800 kg / 1 770 lb
Ø1620 mm / 64 in	1 000 kg / 2 210 lb



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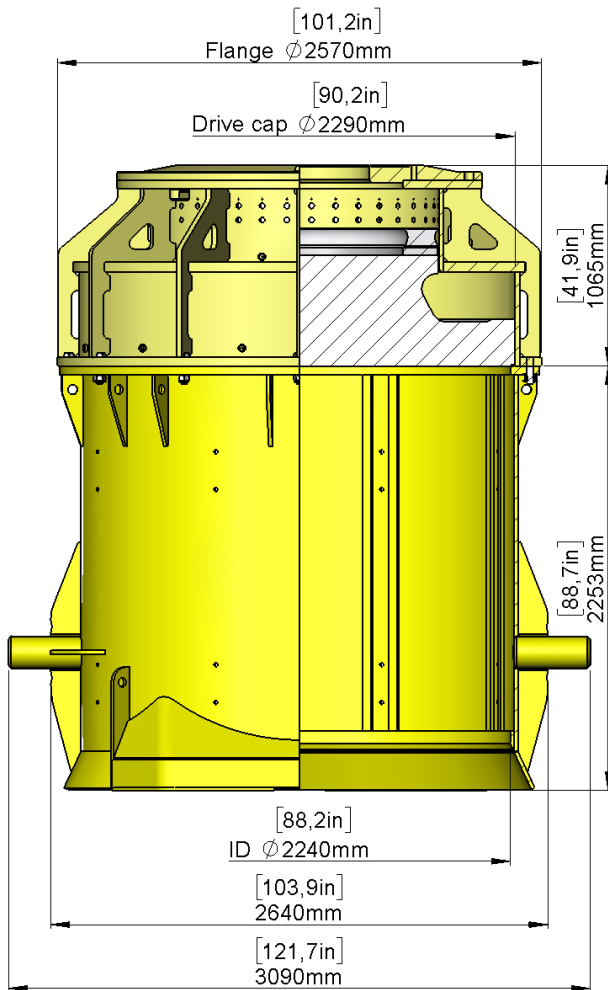
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HHx-serie

Drive Cap and Pile Guide for OD Ø2184 mm / 86 in pile



Weights

Total	21 000 kg / 46 300 lb
Total mass includes:	
Drive cap housing Junttan part nr.	3 630 kg / 8 010 lb 2060040
Drive cap	11 890 kg / 26 220 lb
Adapter plate Junttan part nr.	1 260 kg / 2 780 lb 2072556
Pile sleeve Junttan part nr.	3 870 kg / 8 540 lb 2060070
Rebound rings Junttan part nr.	120 kg / 270 lb 2002082

Accessories

Standard size inserts (8 pcs/pile OD)	
Ø2134 mm / 84 in	400 kg / 890 lb
Ø2032 mm / 80 in	600 kg / 1 330 lb
Ø1829 mm / 72 in	800 kg / 1 770 lb
Ø1620 mm / 64 in	1 000 kg / 2 210 lb



HHx 160/130

Max. pile Ø1016 mm / 40 in
Drive cap Ø1080 mm

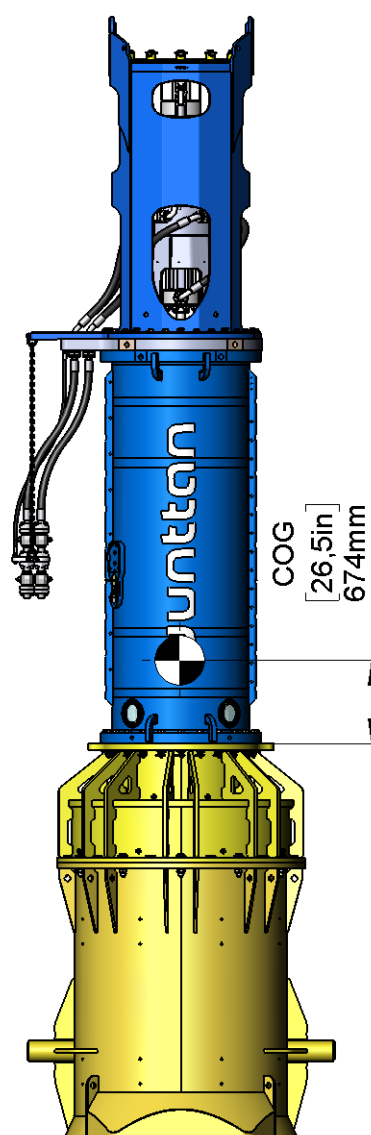
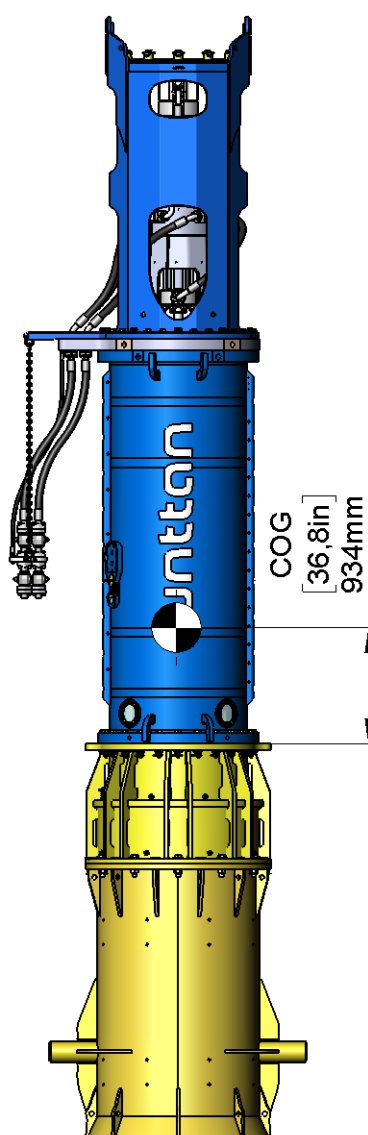
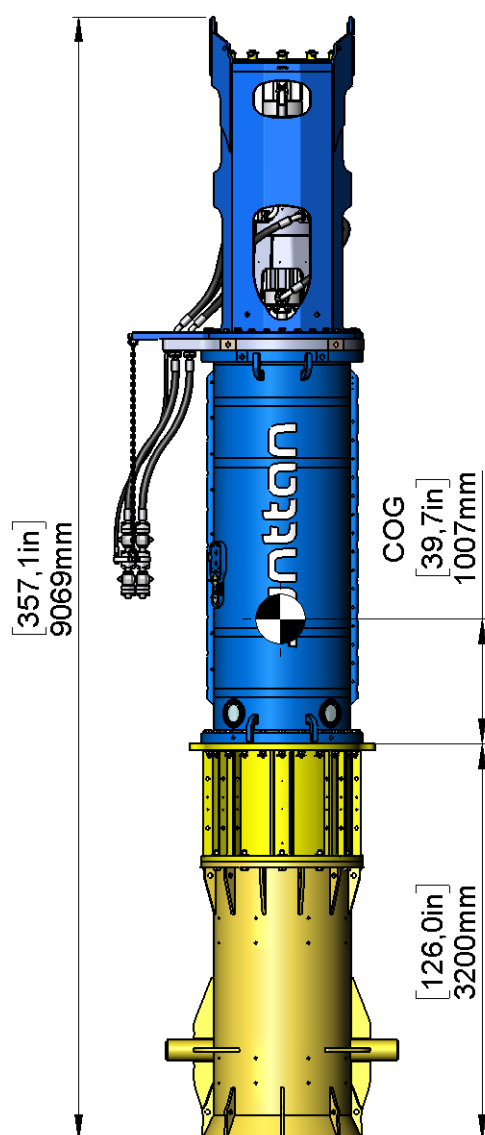
Total mass:
25 500 kg / 56 200 lb

Ø1219 mm / 48 in
Ø1280 mm

Total mass:
26 400 kg / 58 200 lb

Ø1625 mm / 64 in
Ø1720 mm

Total mass:
30 000 kg / 66 150 lb



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HHx210

Max. pile Ø1016 mm / Ø40 in
Drive cap Ø1080 mm

Ø1219 mm / 48 in
Ø1280 mm

Ø1625 mm / 64 in
Ø1720 mm

HHx210/130 Total mass:
31 600 kg / 69 650 lb

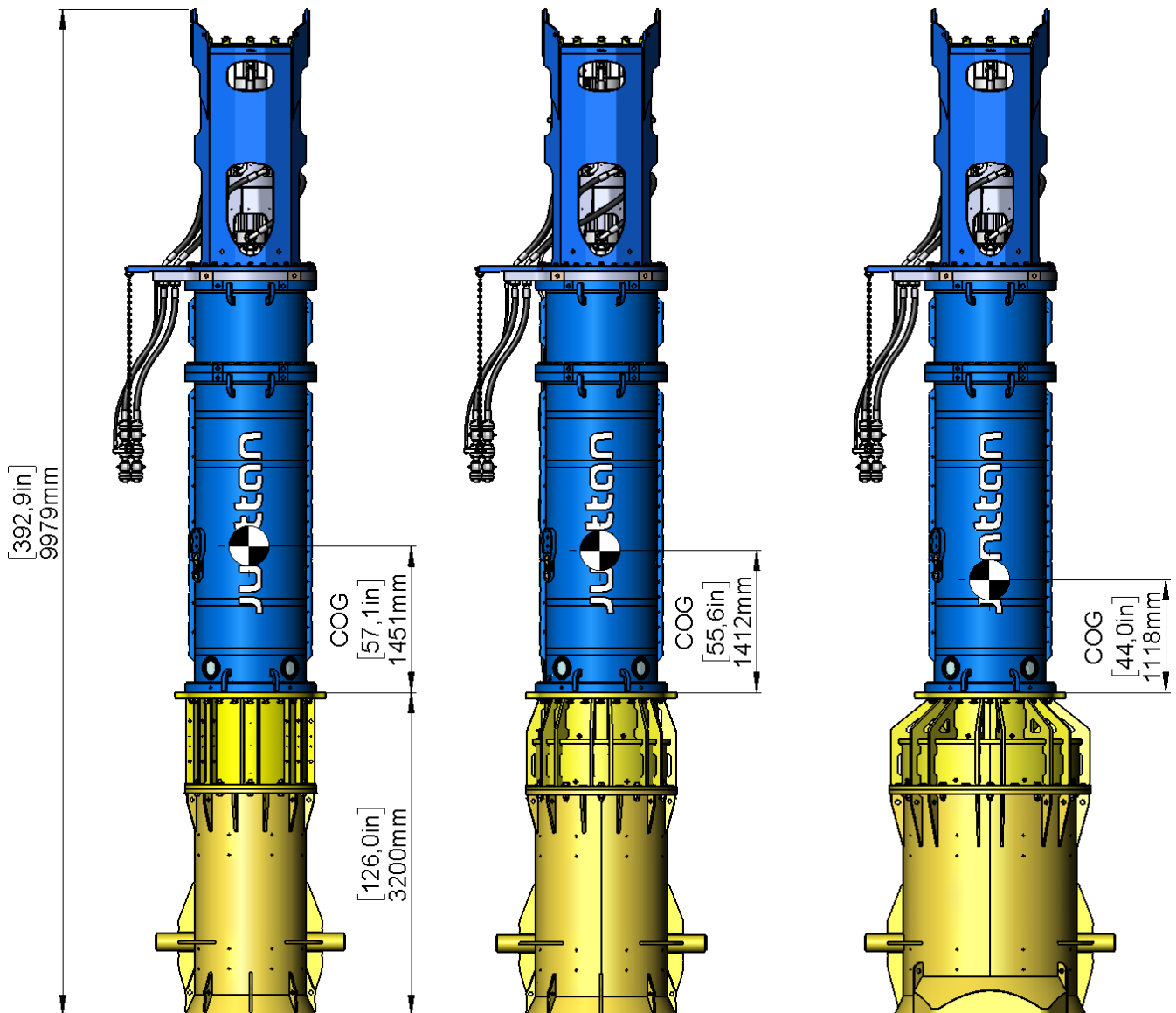
Total mass:
32 600 kg / 71 900 lb

Total mass:
36 200 kg / 79 800 lb

HHx210/160 Total mass:
32 000 kg / 70 550 lb

Total mass:
32 900 kg / 72 550 lb

Total mass:
36 300 kg / 80 050 lb



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HHx250

Max. pile Ø1219 mm / 48 in
Drive cap Ø1280 mm

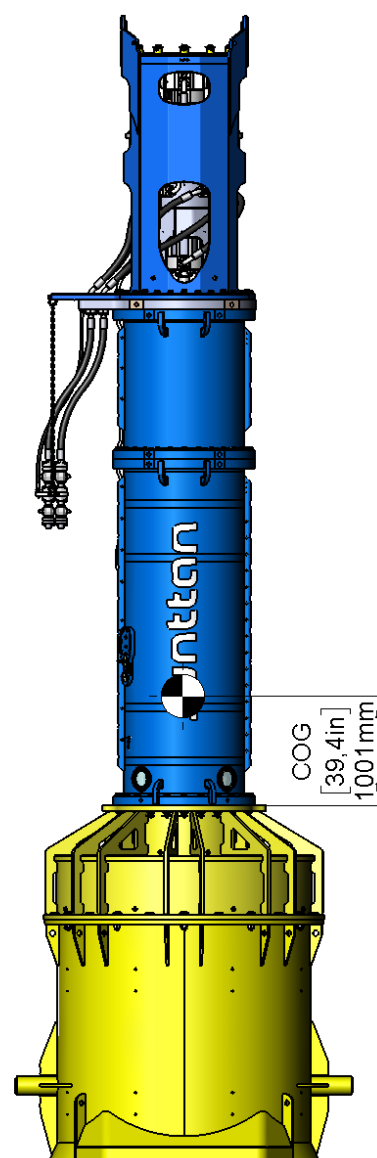
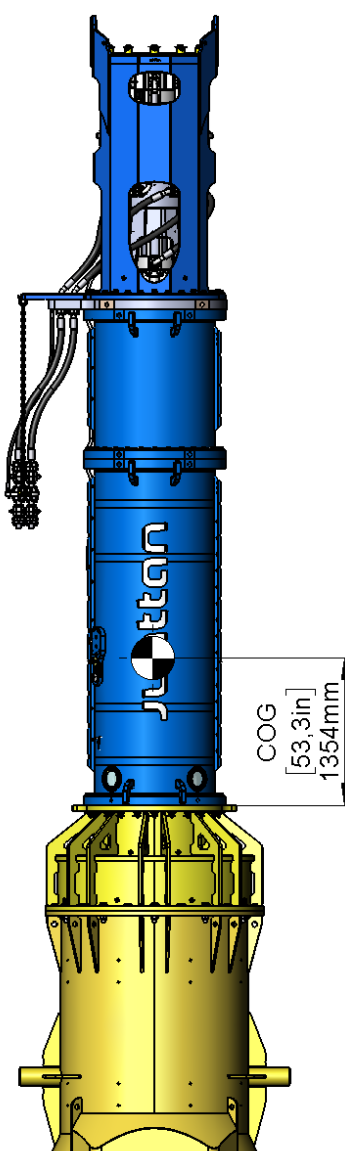
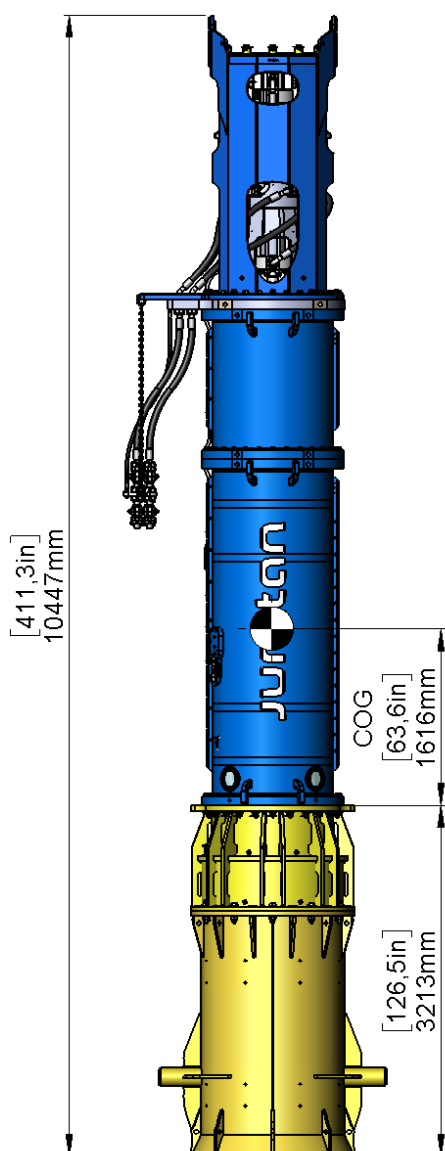
Total mass:
35 600 kg / 78 500 lb

Ø1625 mm / 64 in
Ø1720 mm

Total mass:
39 300 kg / 86 650 lb

Ø2184 mm / 86 in
Ø2290 mm

Total mass:
46 000 kg / 101 400 lb



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HHx300

Max. pile Ø1219 mm / 48 in
Drive cap Ø1280 mm

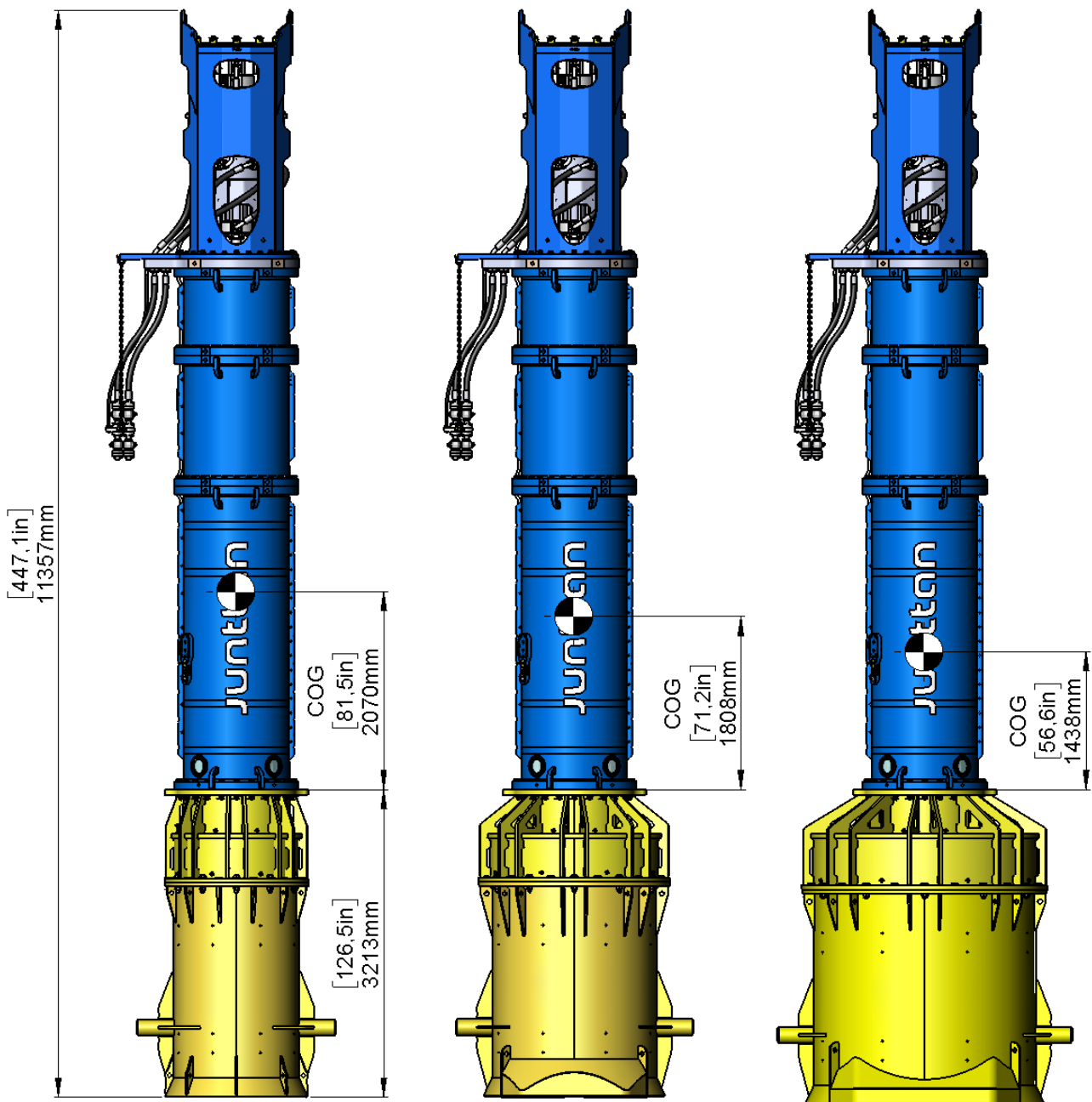
Total mass:
41 800 kg / 92 150 lb

Ø1625 mm / 64 in
Ø1720 mm

Total mass:
45 400 kg / 100 100 lb

Ø2184 mm / 86 in
Ø2290 mm

Total mass:
52 100 kg / 114 850 lb



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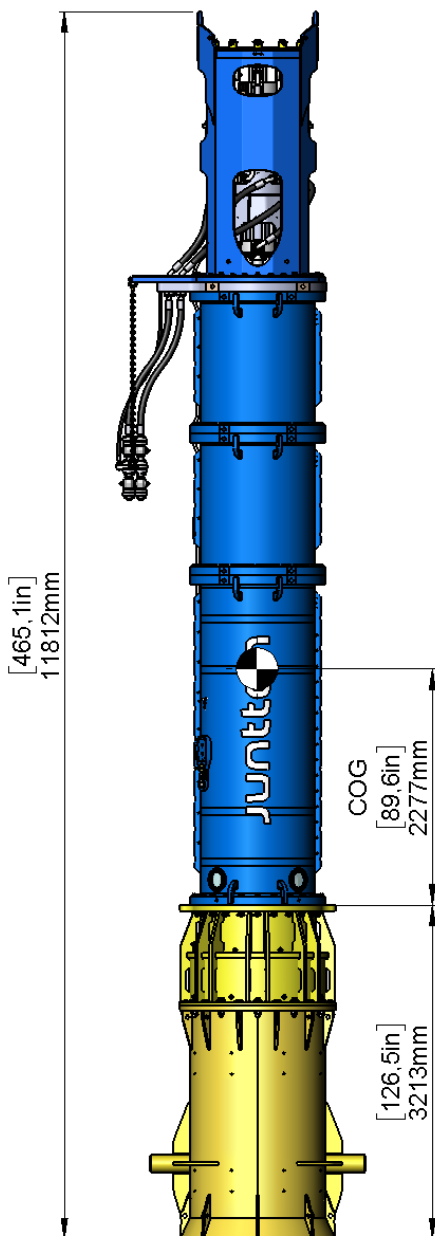
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HHx350

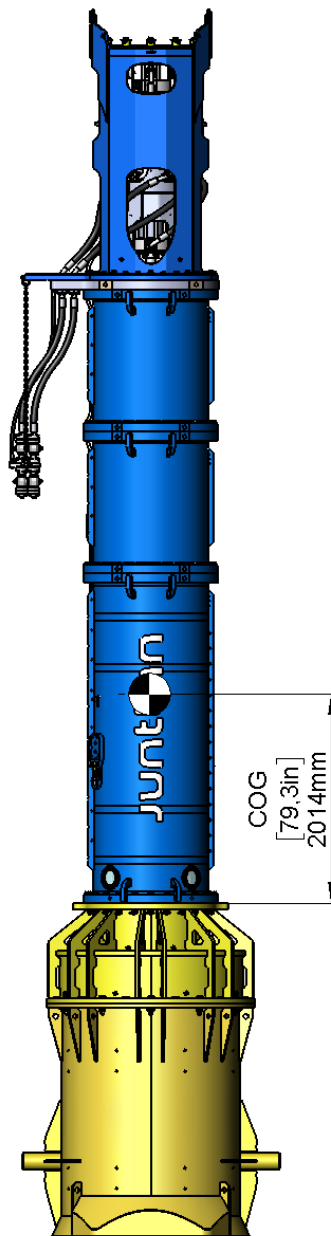
Max. pile Ø1219 mm / 48 in
Drive cap Ø1280 mm

Total mass:
44 500 kg / 98 100 lb



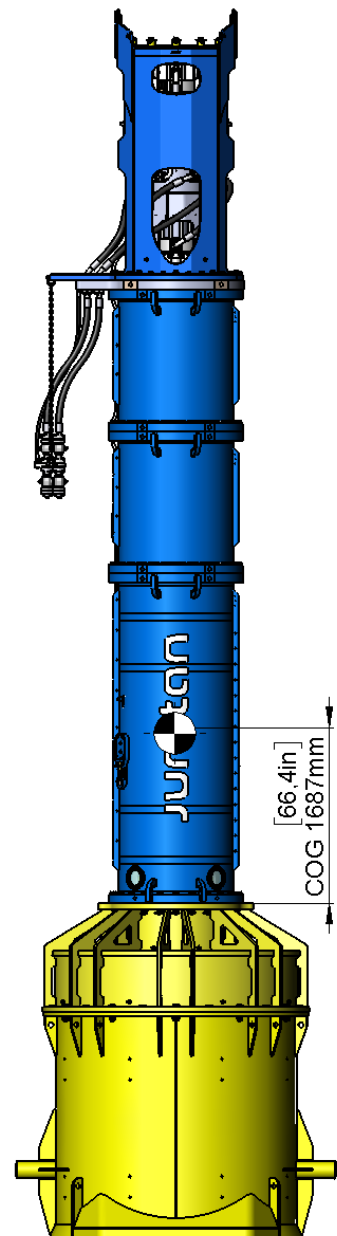
Ø1625 mm / 64 in
Ø1720 mm

Total mass:
48 100 kg / 106 050 lb



Ø2184 mm / 86 in
Ø2290 mm

Total mass:
54 800 kg / 120 800 lb



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