

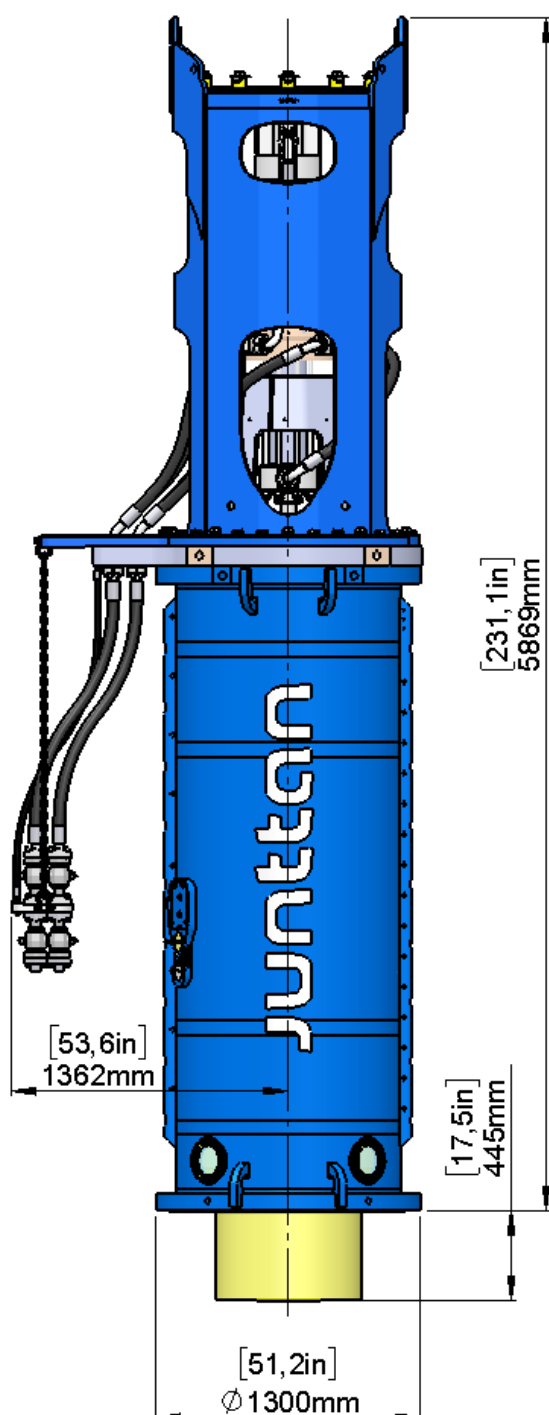


HHX160-500 SERIES

DATASHEETS

Junttan

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
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Oil flow for 60 bl/min	700 L/min 185 gpm
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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
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Return hoses	2 x 38 mm 2 x 1½ in
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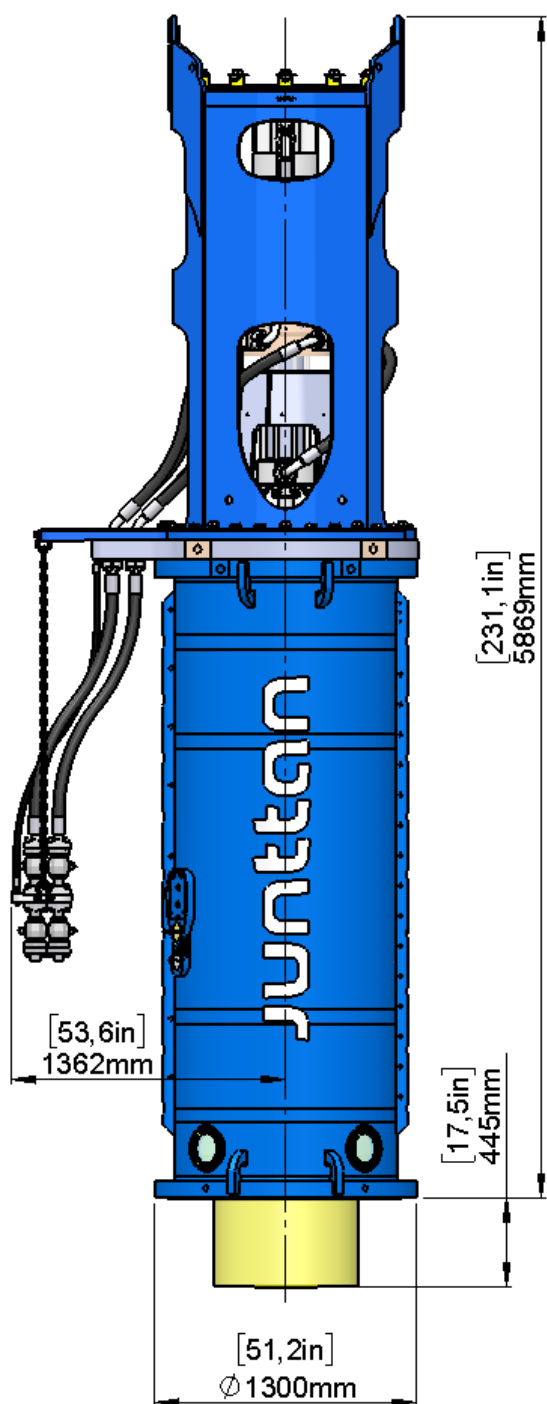
Performance

Max. energy	160 kNm / 118 000 ft-lb
Blow rate @ 160 kNm / 118 000 ft-lb	60 bl/min

Min. energy	10 kNm / 7 376 ft-lb
Blow rate @ 10 kNm / 7 376 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

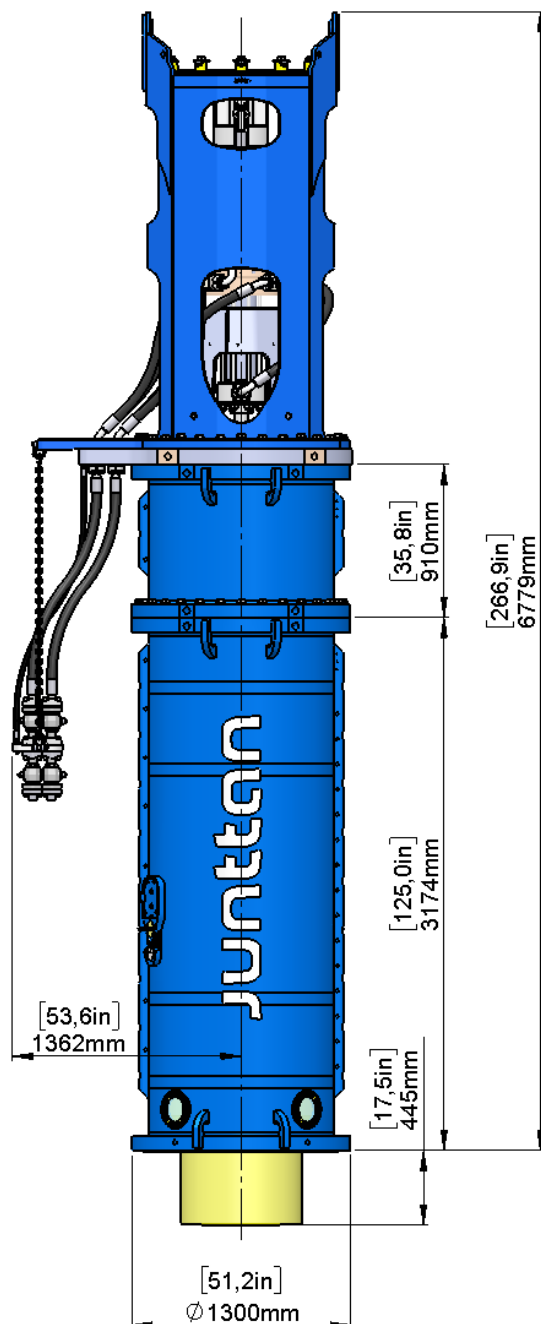
Hydraulics' specification

Operating pressure	140 bar / 2 031 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 / 7 376 ft-lb
Blow rate @ 10 kNm / 7 376 ft-lb	150 bl/min
Stroke	1 000 mm / 3 ft

HHx210/130



Weights

Hammer	25 600 kg / 56 450 lb
Ram block	14 140 kg / 31 150 lb

Hydraulics' specification

Operating pressure	280 bar / 4 061 psi
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Oil flow for 60 bl/min	700 L/min 185 gpm
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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

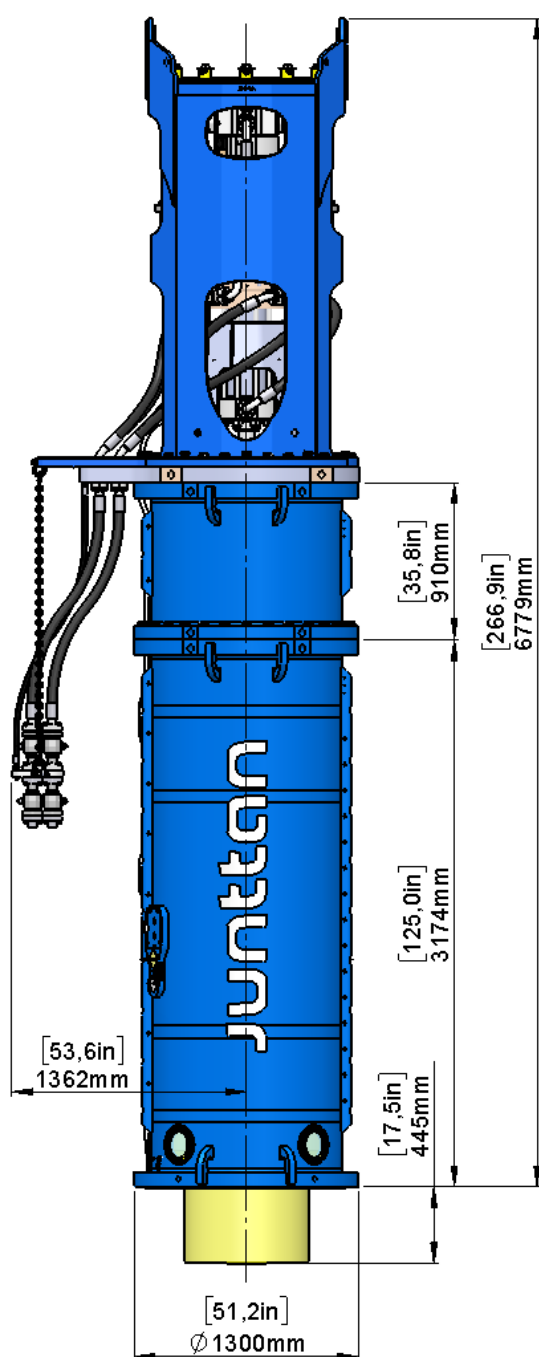
Performance

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 / 31 150 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

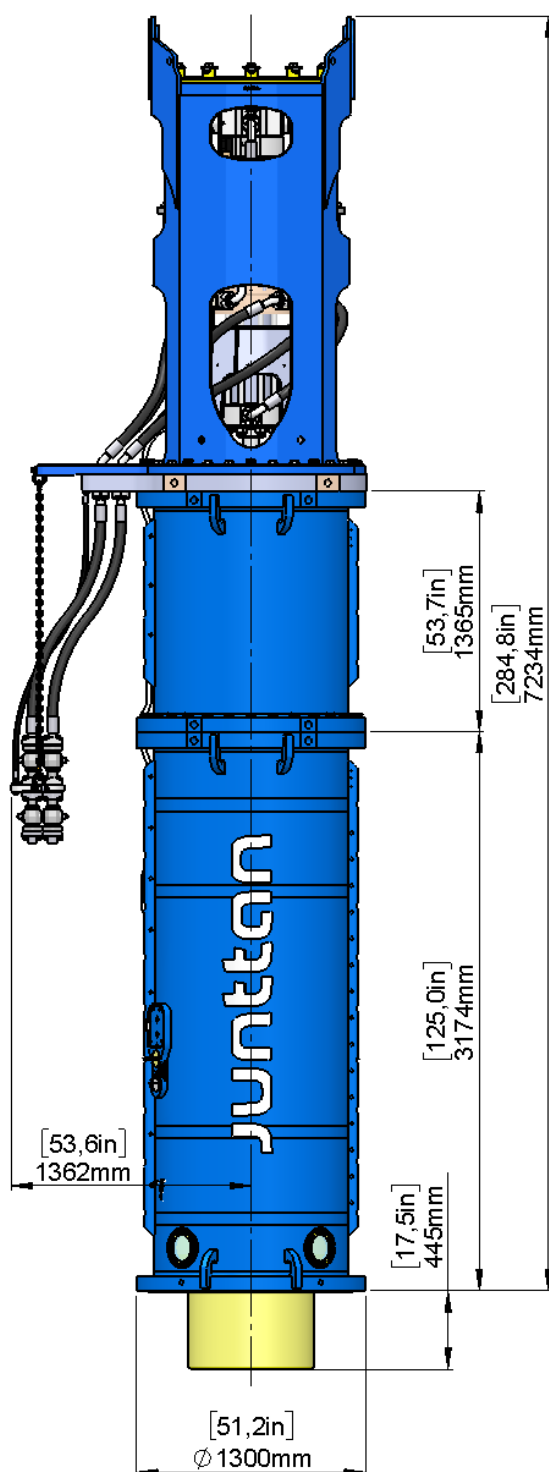
Pressure hoses	3 x 38 mm 3 x 1½ in
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Return hoses	3 x 38 mm 3 x 1½ in
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Performance

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

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
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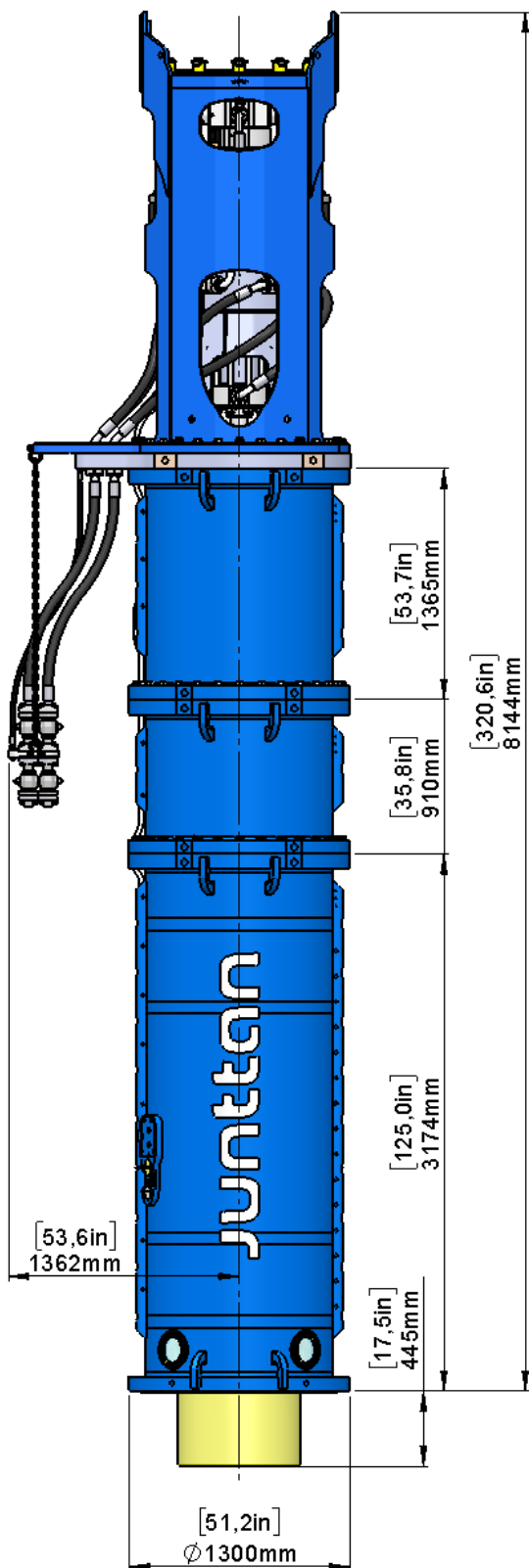
Return hoses	3 x 38 mm 3 x 1½ in
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Performance

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

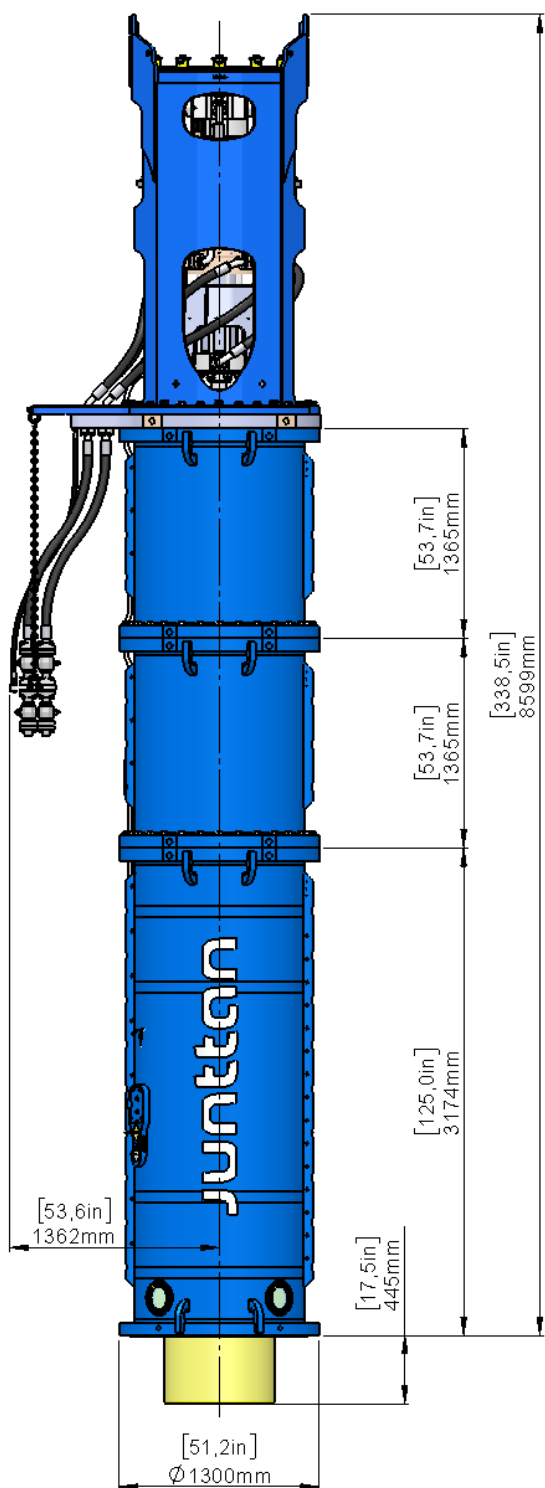
Hydraulics' specification

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 2 031 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

HHx350



Weights

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

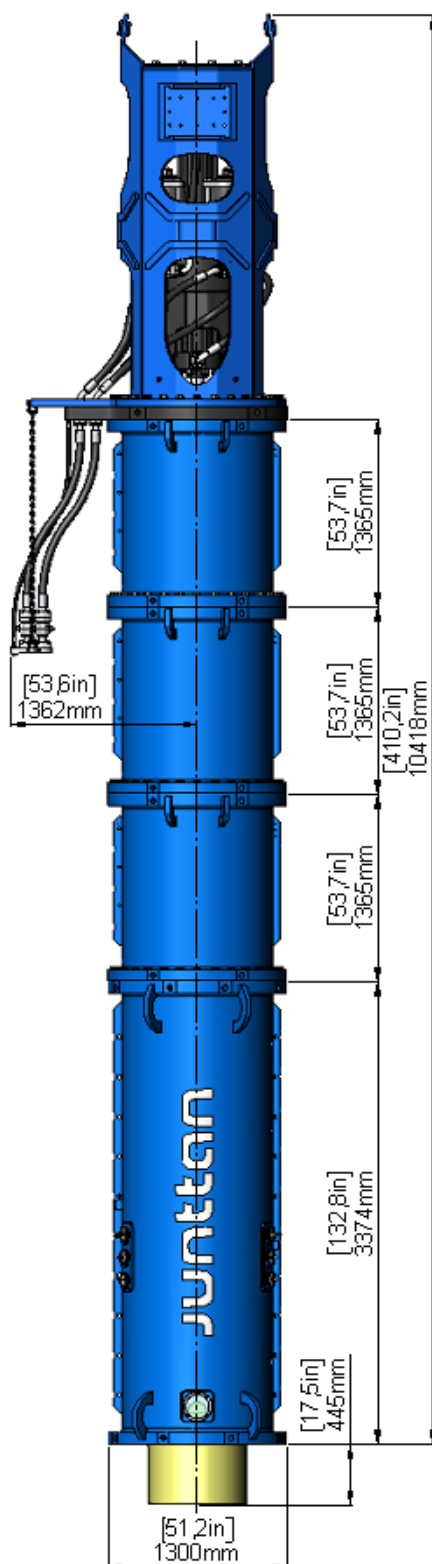
Hydraulics' specification

Operating pressure	290 bar / 4 206 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

HHx500



Weights

Hammer weight	46 800 kg / 103 200 lb
Ram block weight	28 900 kg / 63 650 lb

Hydraulics' specification

Operating pressure	320 bar / 4 640 psi
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Oil flow for 45 bl/min	960 L/min 254 gpm
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Pressure accumulators	3 pcs / 13 L
Nitrogen pressure	194 bar @ 20 °C 2 814 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
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Return hoses	3 x 38 mm 3 x 1½ in
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Performance

Max. energy	500 kNm / 368 781 ft-lb
Blow rate @ 500 kNm / 368 781 ft-lb	45-50 bl/min

Min. energy	35 kNm / 25 815 ft-lb
Blow rate @ 35 kNm / 25 815 ft-lb	150 bl/min

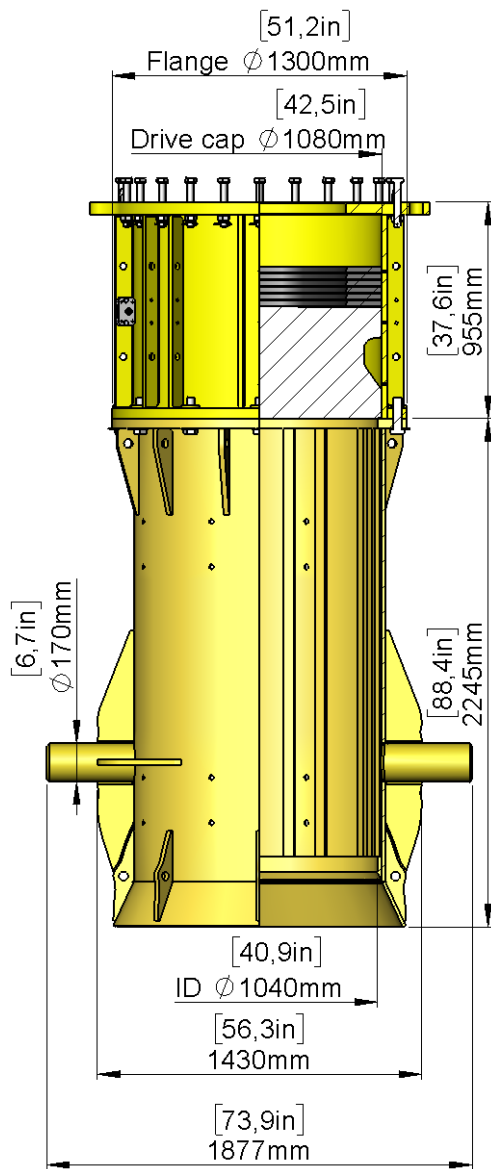
Stroke	1 200 mm / 3,94 ft
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With 20xCu

Max blow rate @ 500 kNm / 368 781 ft-lb	40 bl/min (320 bar & 800 l)
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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

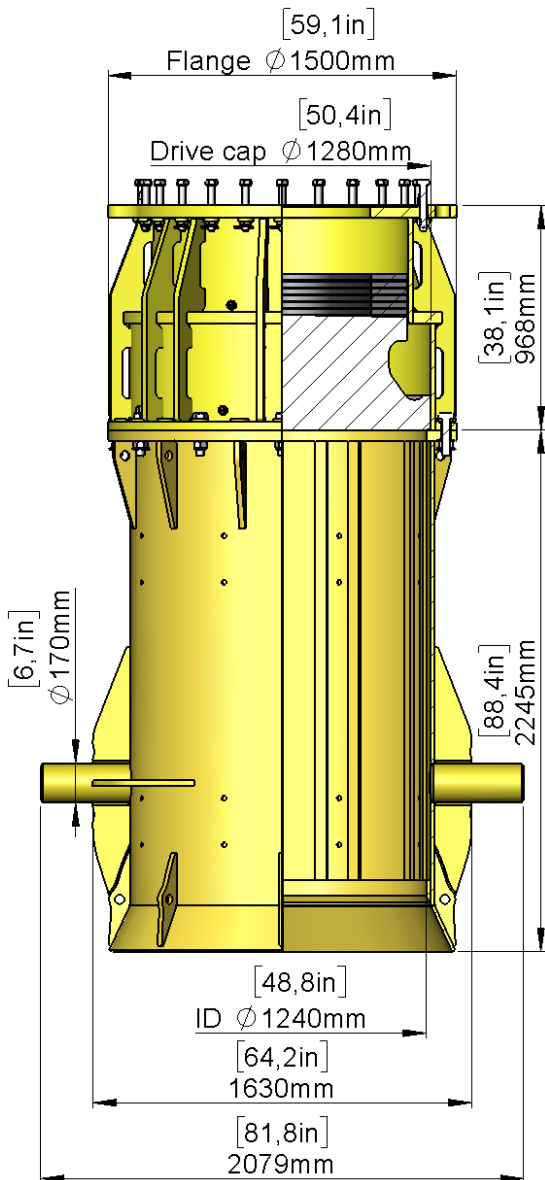
Junttan nr.
2063307
2052980
2049236
2067695

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

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

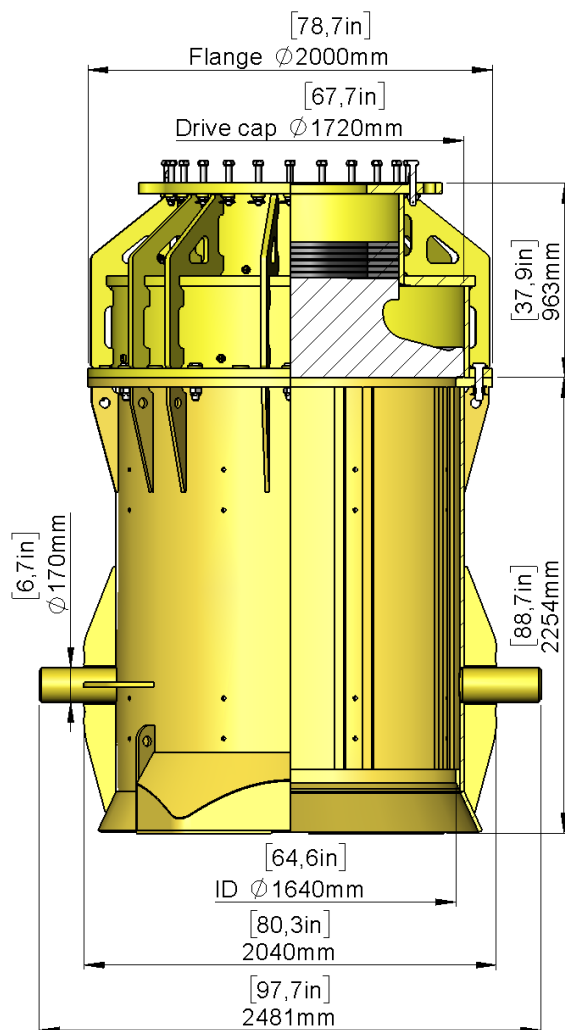
Accessories

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

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

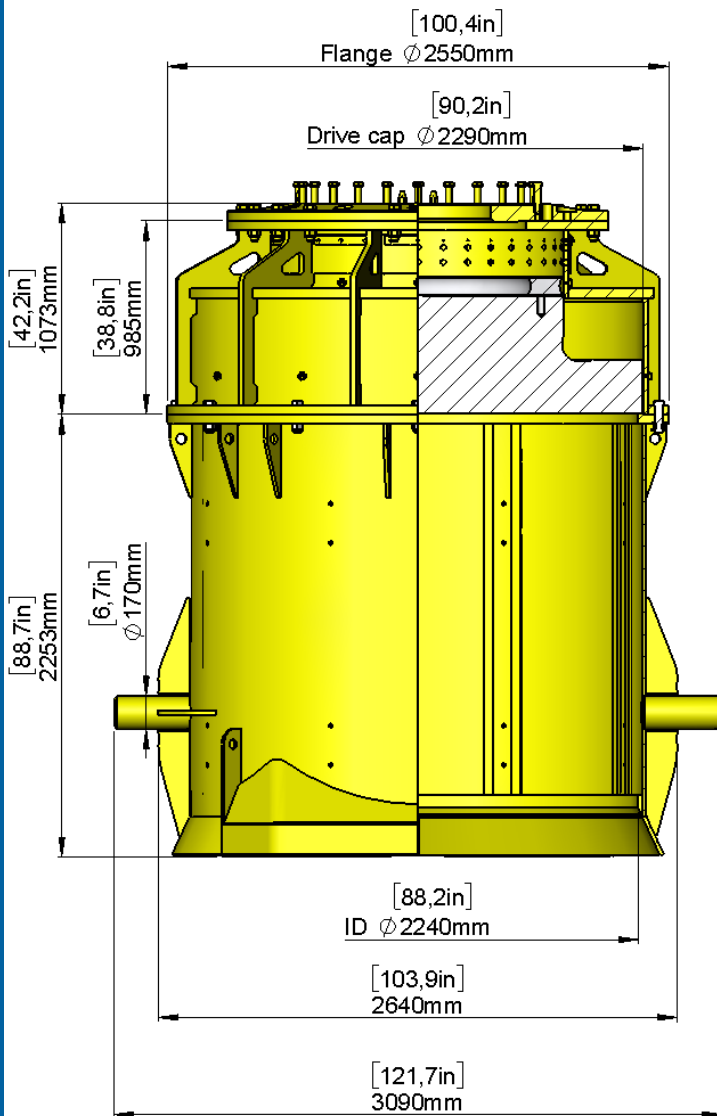
Accessories

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

HHx-serie

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



Weights

Total 22 050 kg / 48 620 lb

Total mass includes:

Drive cap housing
Junttan part nr. 2076826 3 680 kg / 8 110 lb

Drive cap
Junttan part nr. 2076648 13 020 kg / 28 700 lb

Adapter plate
Junttan part nr. 2076841 1 380 kg / 3 040 lb

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

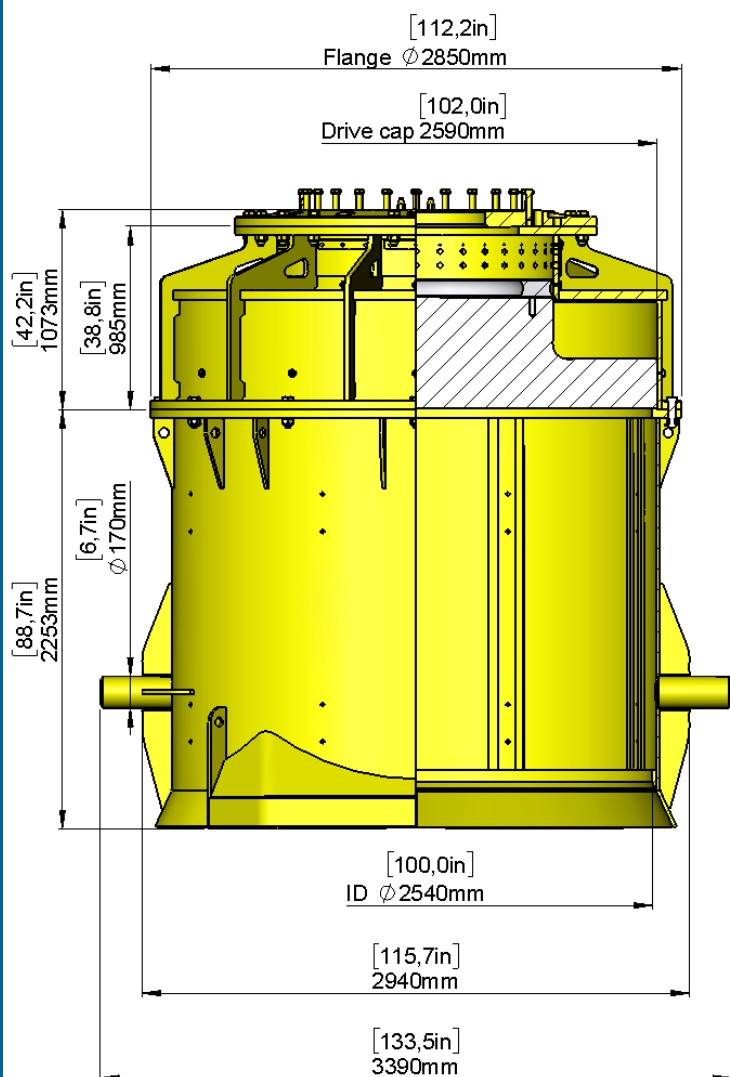
Rebound rings
Junttan part nr. 2002082 120 kg / 270 lb

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-serie

Drive Cap and Pile Guide for OD Ø2490 mm / 98 in pile



Weights

Total 25 580 kg / 56 400 lb

Total mass includes:

Drive cap housing
Junttan part nr. 2076844 4 350 kg / 9 590 lb

Drive cap
Junttan part nr. 2076665 15 450 kg / 34 060 lb

Adapter plate
Junttan part nr. 2076841 1 380 kg / 3 040 lb

Pile sleeve
Junttan part nr. 2073313 4 300 kg / 9 480 lb

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

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

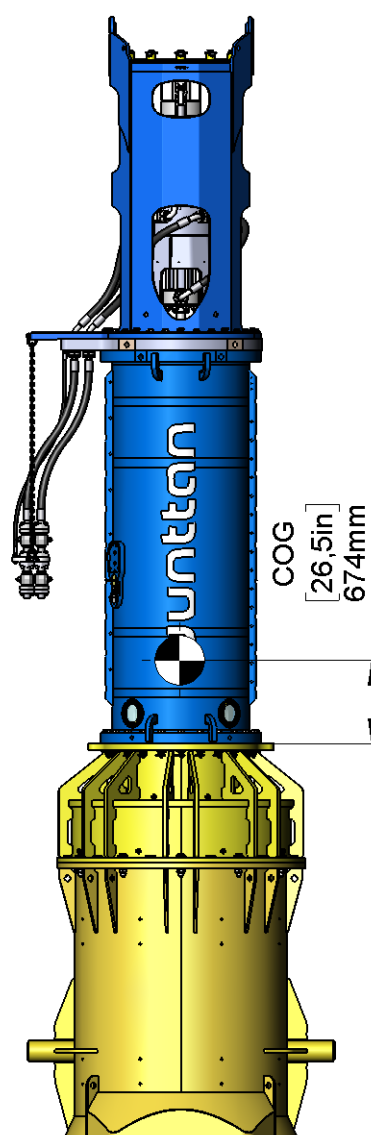
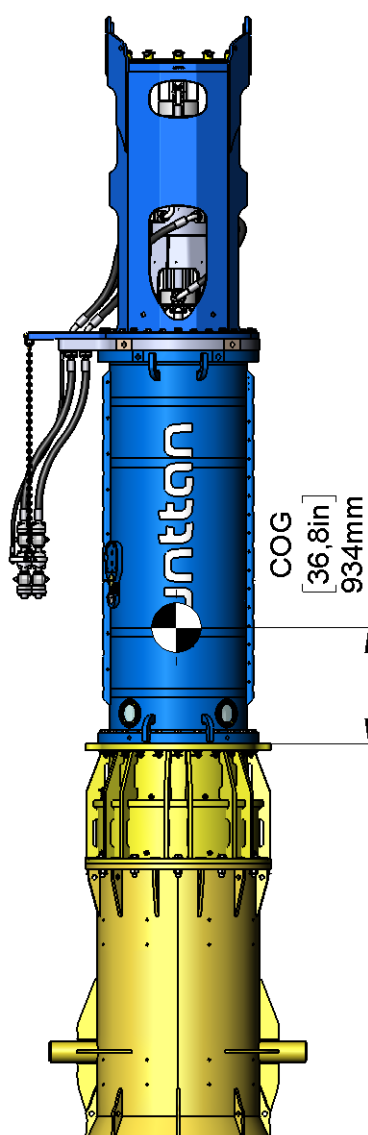
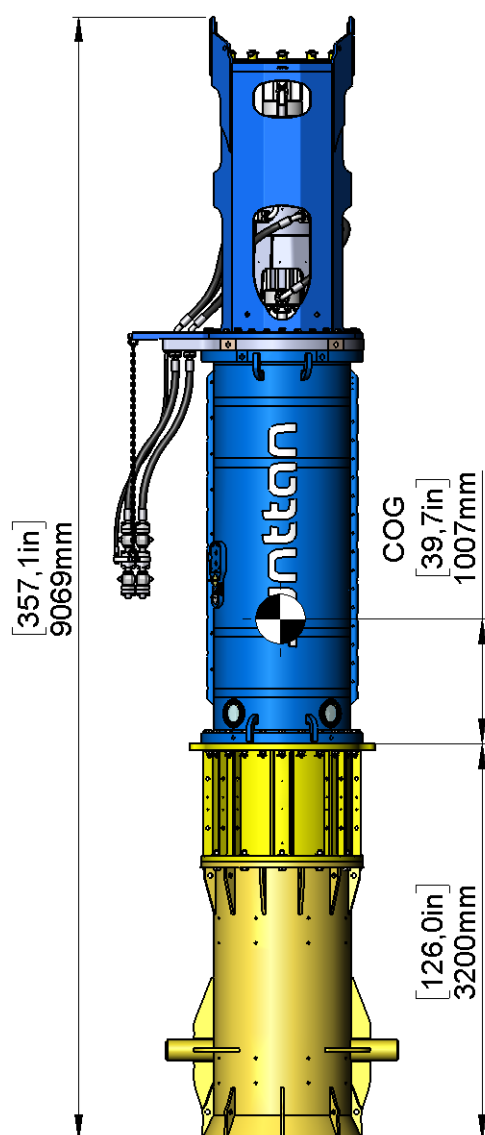
Total mass:
25 500 kg / 56 200 lb

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



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

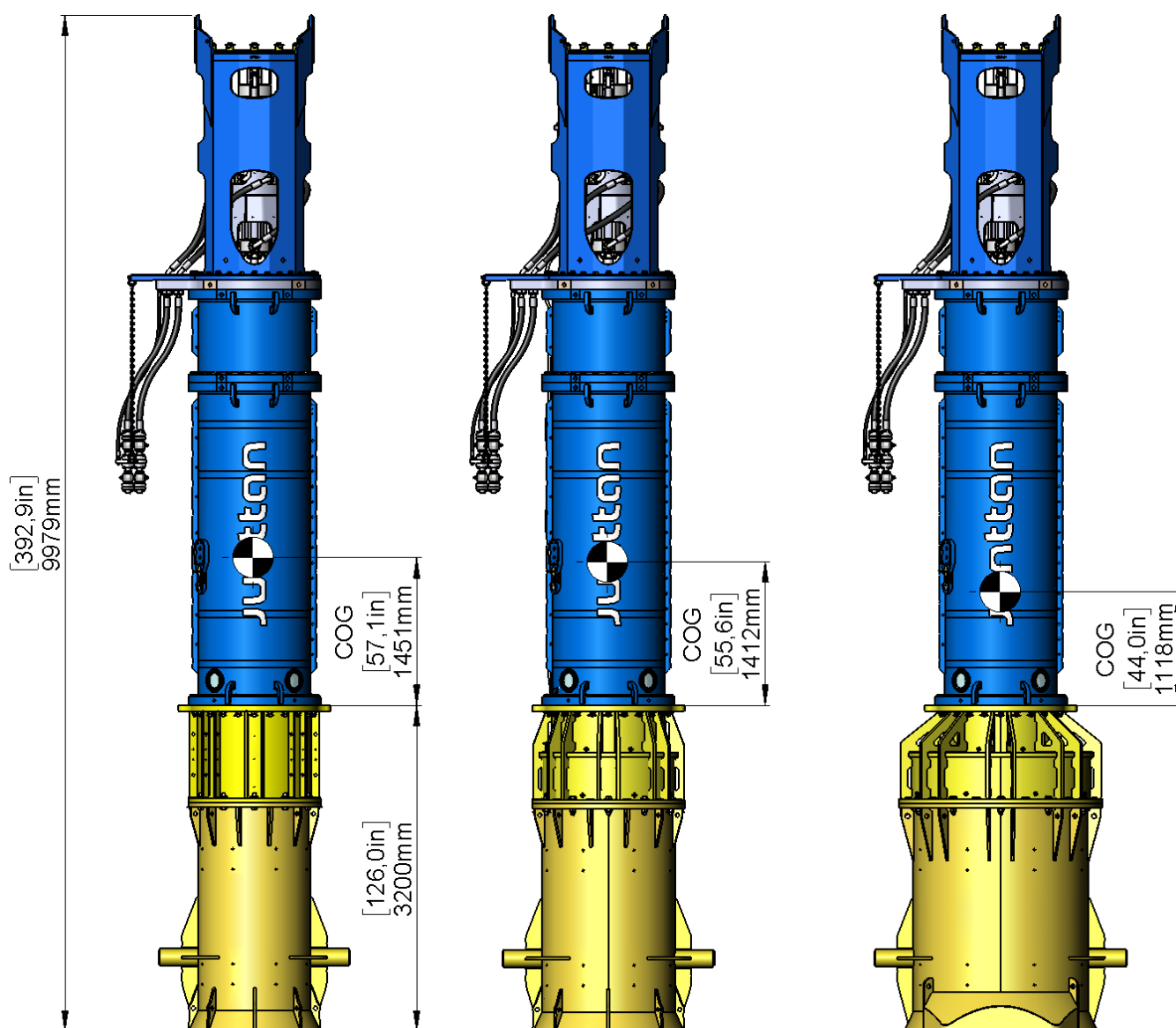
Total mass:
32 600 kg / 71 850 lb

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



HHx250

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

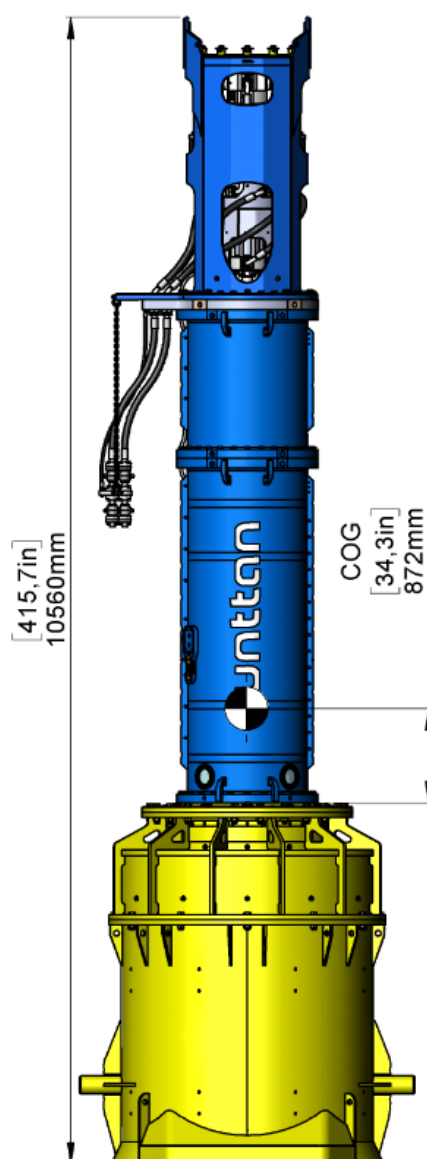
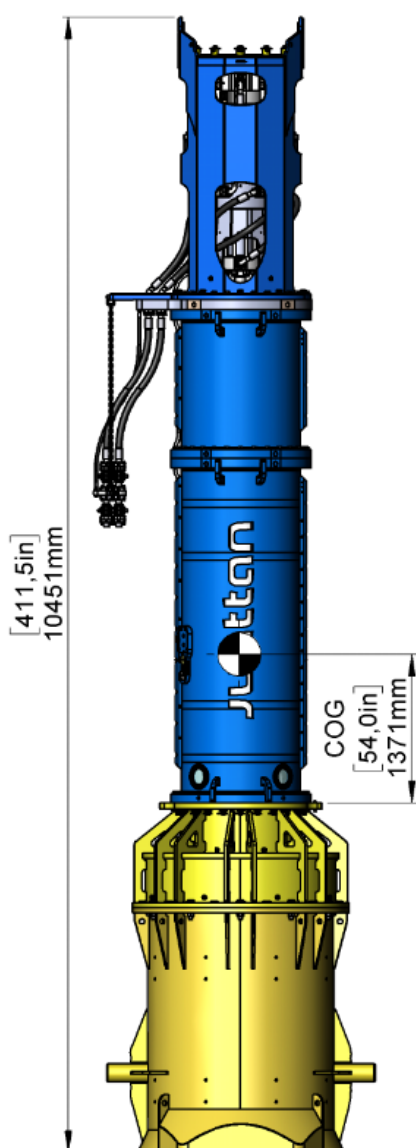
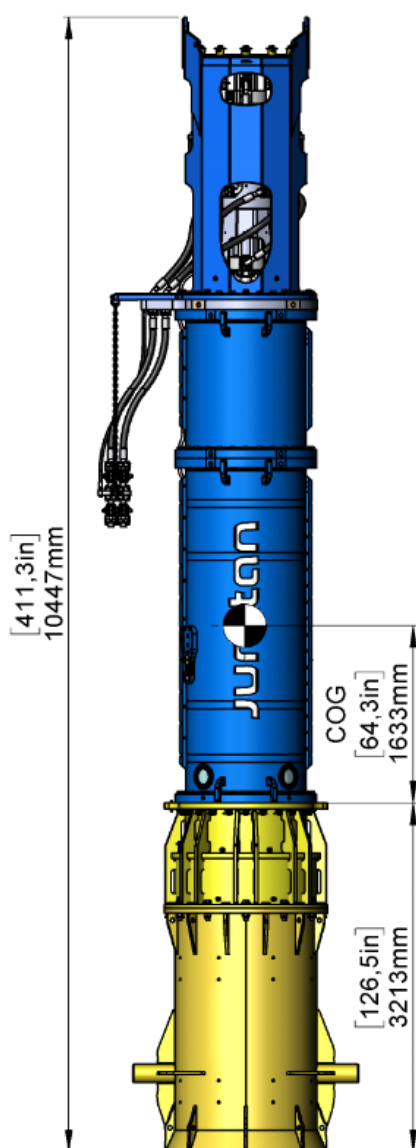
Total mass:
35 600 kg / 78 500 lb

Ø1625 mm / 64 in
Ø1720 mm

Total mass:
39 300 kg / 86 650 lb

Ø2184 mm / 86 in
Ø2290 mm

Total mass:
50 600 kg / 111 550 lb



HHx300

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

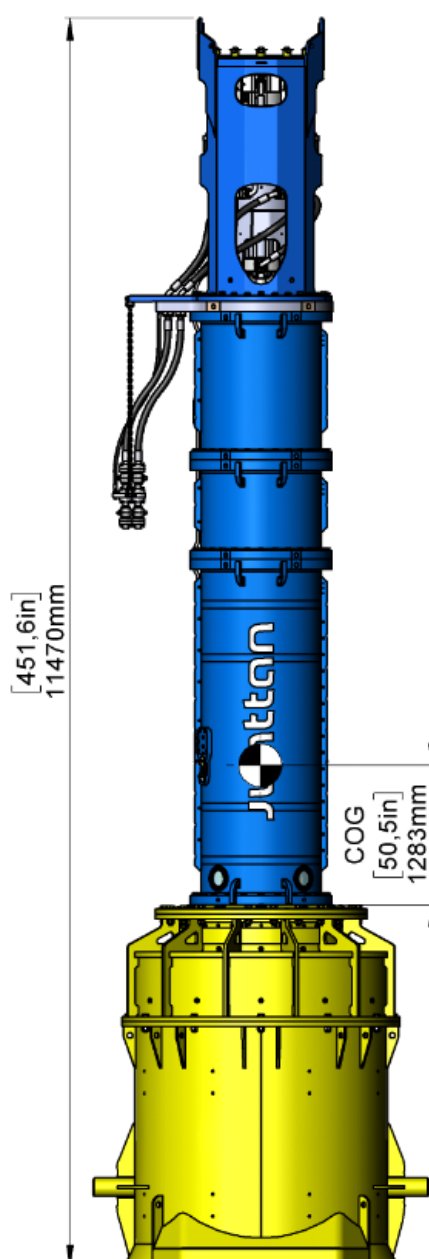
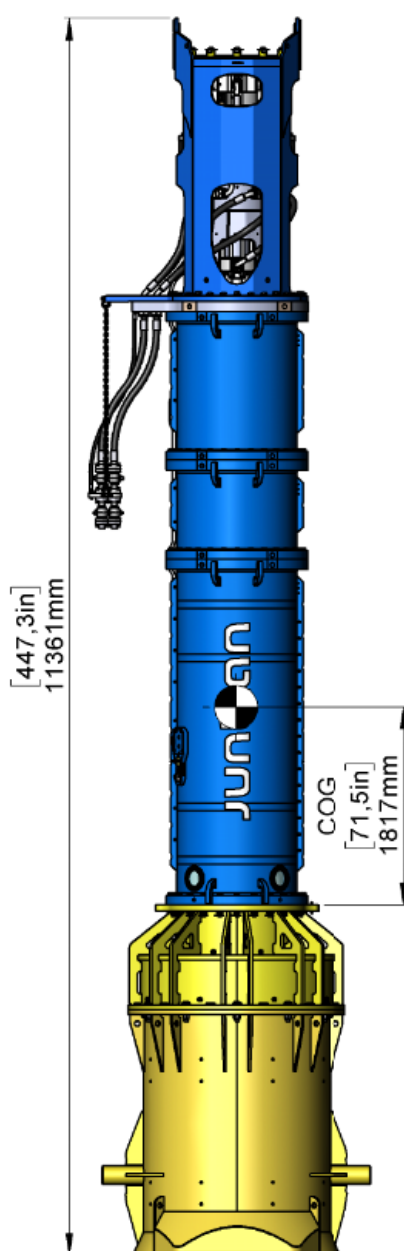
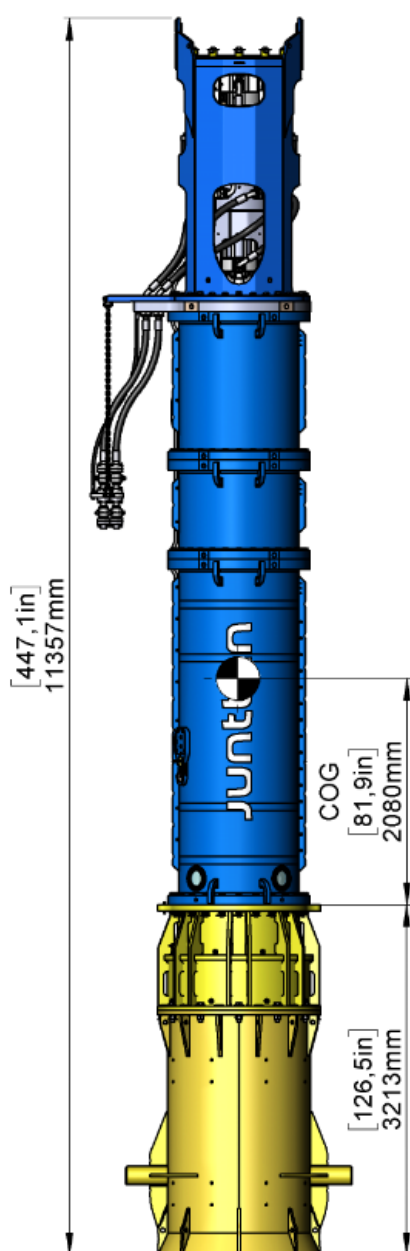
Total mass:
41 800 kg / 92 150 lb

Ø1625 mm / 64 in
Ø1720 mm

Total mass:
45 400 kg / 100 100 lb

Ø2184 mm / 86 in
Ø2290 mm

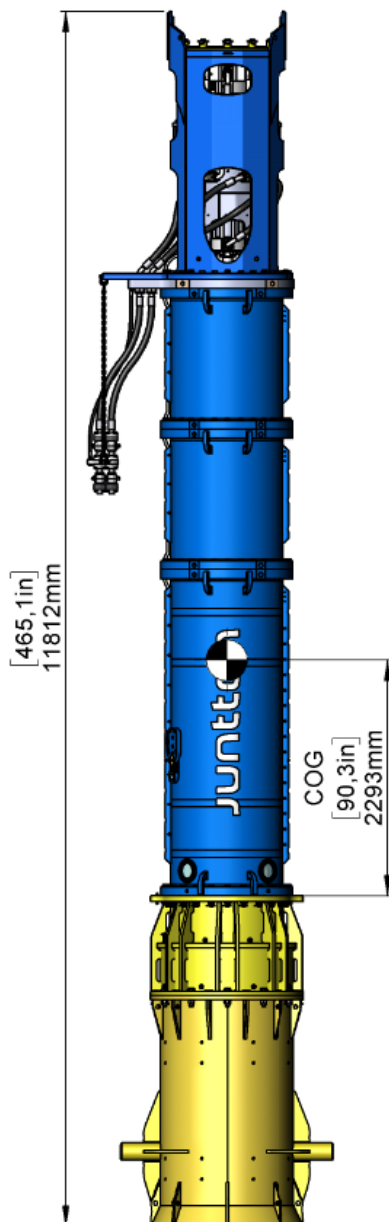
Total mass:
56 700 kg / 125 000 lb



HHx350

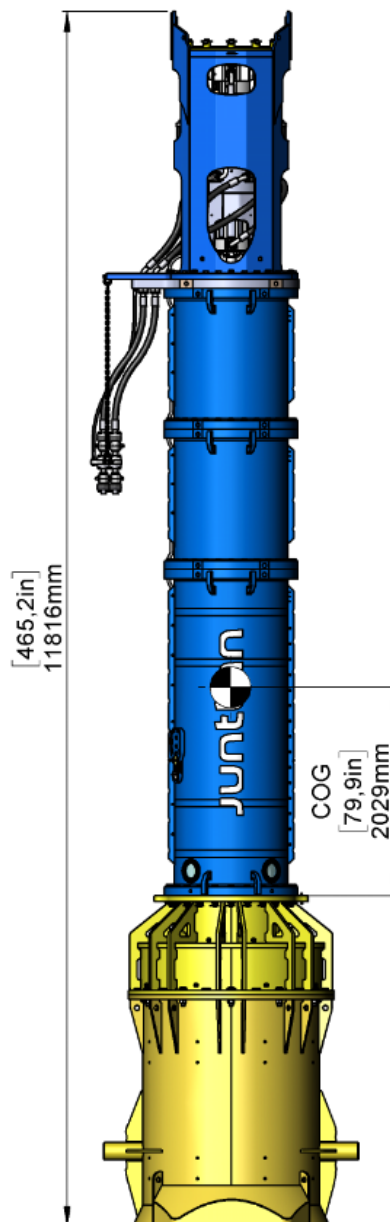
Max. pile Ø1219 mm / 48 in
Drive cap Ø1280 mm

Total mass:
44 500 kg / 98 100 lb



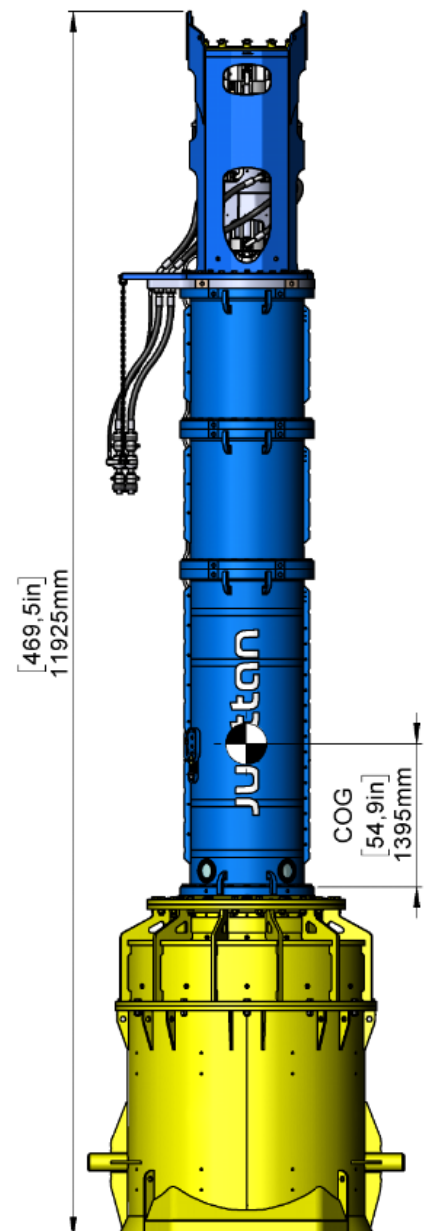
Ø1625 mm / 64 in
Ø1720 mm

Total mass:
48 100 kg / 106 050 lb



Ø2184 mm / 86 in
Ø2290 mm

Total mass:
59 500 kg / 131 200 lb



HHx500

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

Ø1625 mm / 64 in
Ø1720 mm

Ø2184 mm / 86 in
Ø2290 mm

Total mass:
53 900 kg / 118 800 lb

Total mass:
57 500 kg / 126 800 lb

Total mass:
68 800 kg / 151 700 lb

