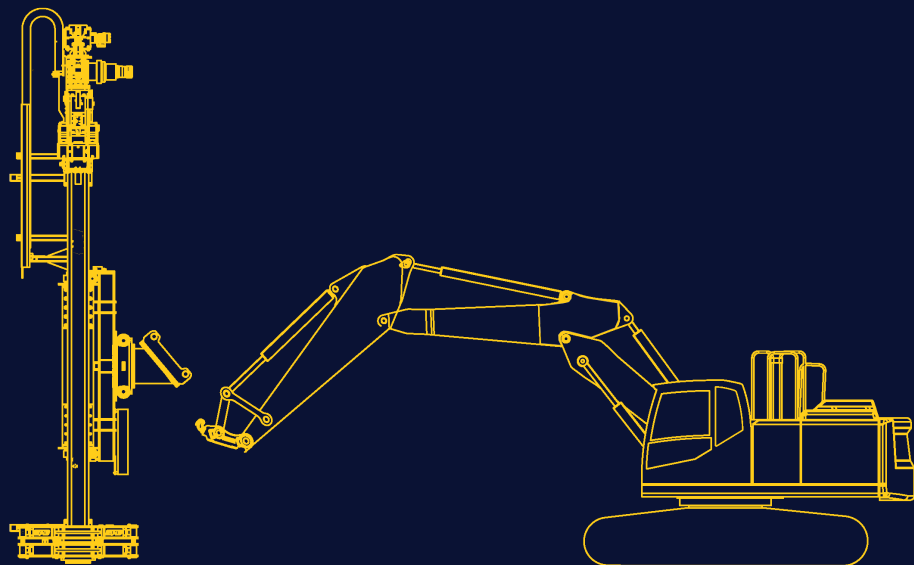


DM55.2

Mast attachment

Tech sheet

SPD
SCANDINAVIAN PILE DRIVING AB



1. DM55.2-EC250

1.1. Mast attachment

1.1.1. Technical details

Detail	Specification
Mast	DM55.2
Mast weight without carrier	4500 kg
Excavator connection	Quick coupler type S70
Purpose	DTH drilling, anchoring, bolting eg.
Control system	Remote controlled, CAN bus, wireless
Hydraulic manifolds	Modular Danfoss PVG 32, 128, 256 CAN bus
Total height (mm)	6.607 mm (with cat head)
Cradle stroke	4.355 mm
Crowd force (kN)	80 kN
Feed force down	80 kN
Feed system	Gear & hydraulic motor with brake, 1 1/4 Duplex chain
Recommended tools	Rotary/top hammer: RH16X, RH24X Piling hammers: SPD1000, SPD2000
Tilting angles left/right	360°
Slewing left - right	yes 180°
Mast displacement (mm)	1000 mm
Cat head winch	Standard with 180° slewing left/right
Winch capacity (kN)	15 kN
Load holding valves	All cylinders
Clamping table opening	Ø350 mm
Break out force	100 kNm

1.2. Excavator



NOTICE

Excavator size minimum 25 ton

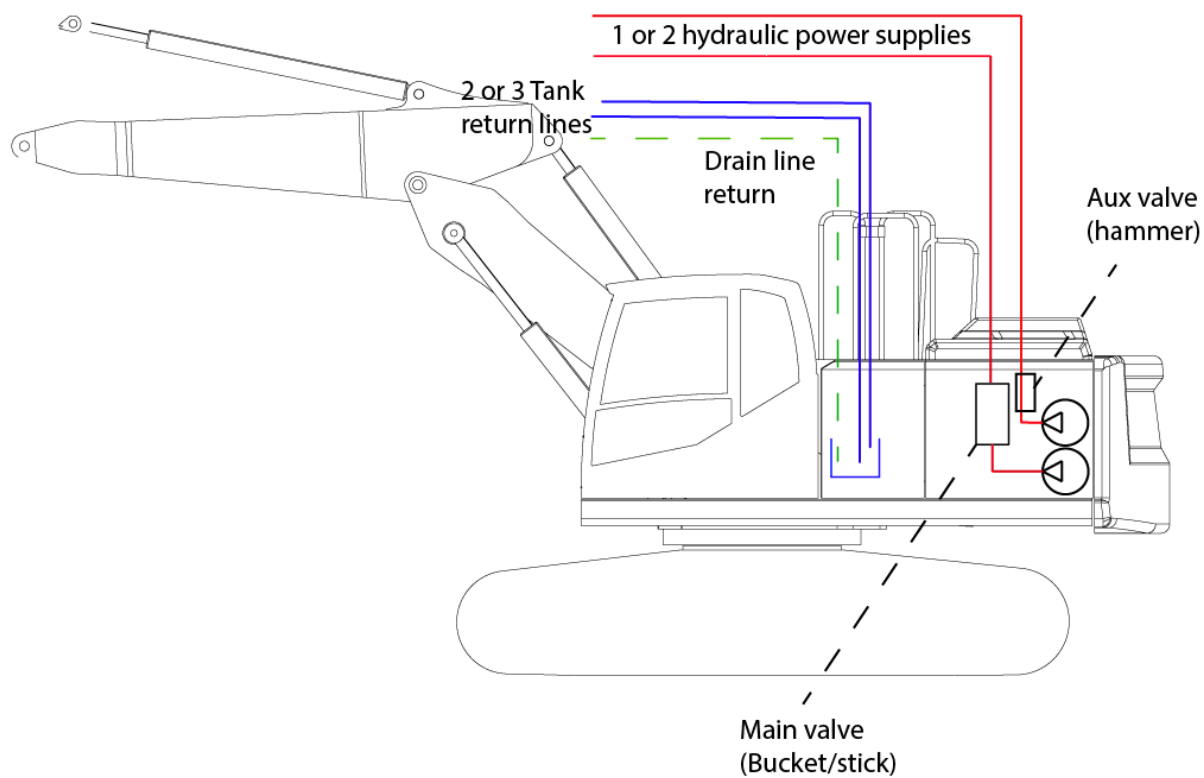
1.2.1. Volvo EC250ENL

Detail	Specification
Motor	D8J, stage V (5)
Motor power	159 kW

Detail	Specification
Cylinders	6
Diesel tank volume	470 lit
Ad blue tank volume	53 lit
Hydraulic tank volume	207 lit
Hydraulic system volume	320 lit
Traction power crawler	217 kW
Max hydraulic flow	2 x 240 lit/min
Optional pump X3	55 lit/min
Boom	Two piece boom

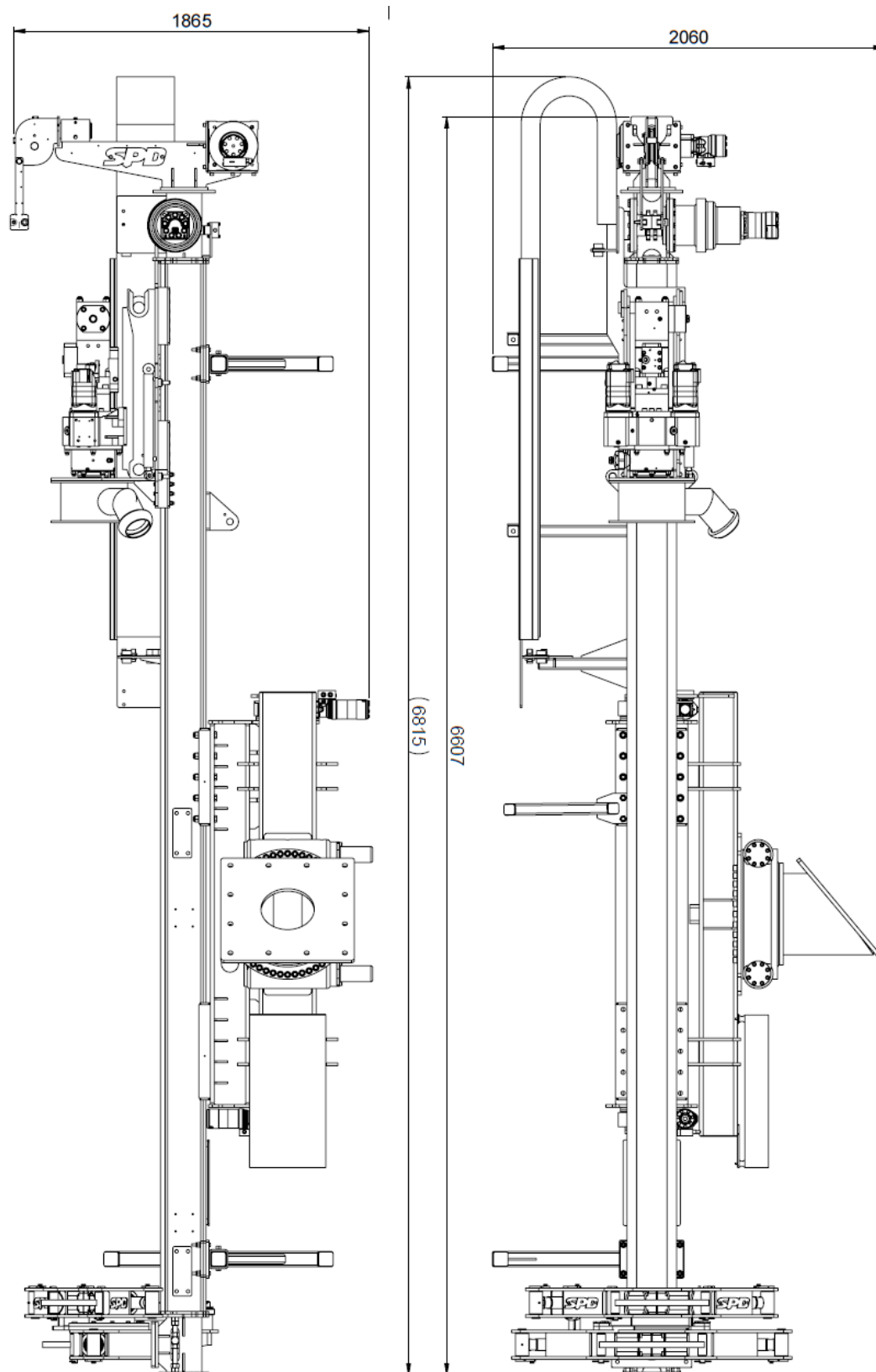
1.3. Hydraulic set up

The hydraulic connection can be carried out differently depending on the conditions of the excavator.

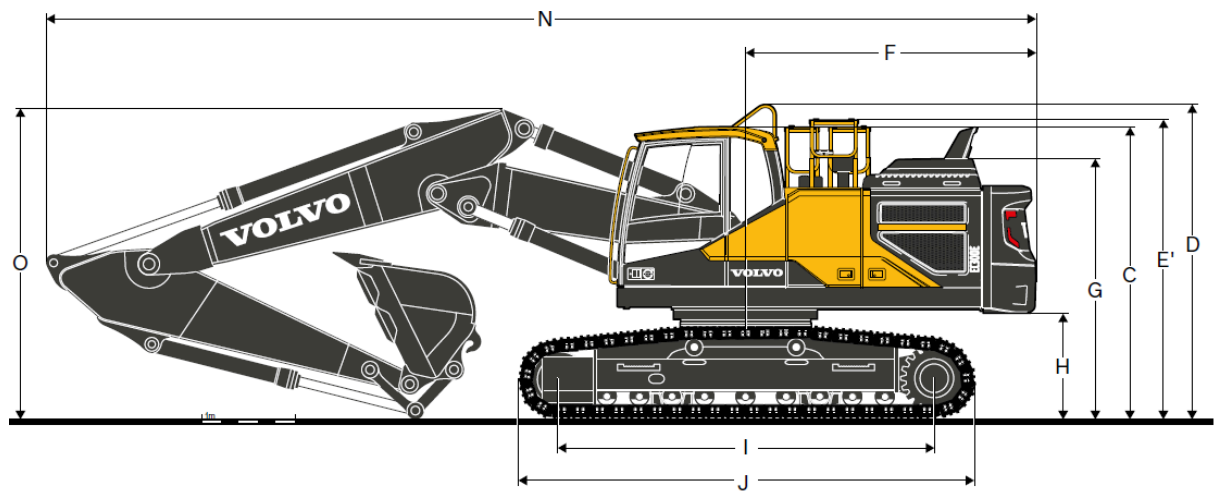


2. Dimensions

2.1. Mast



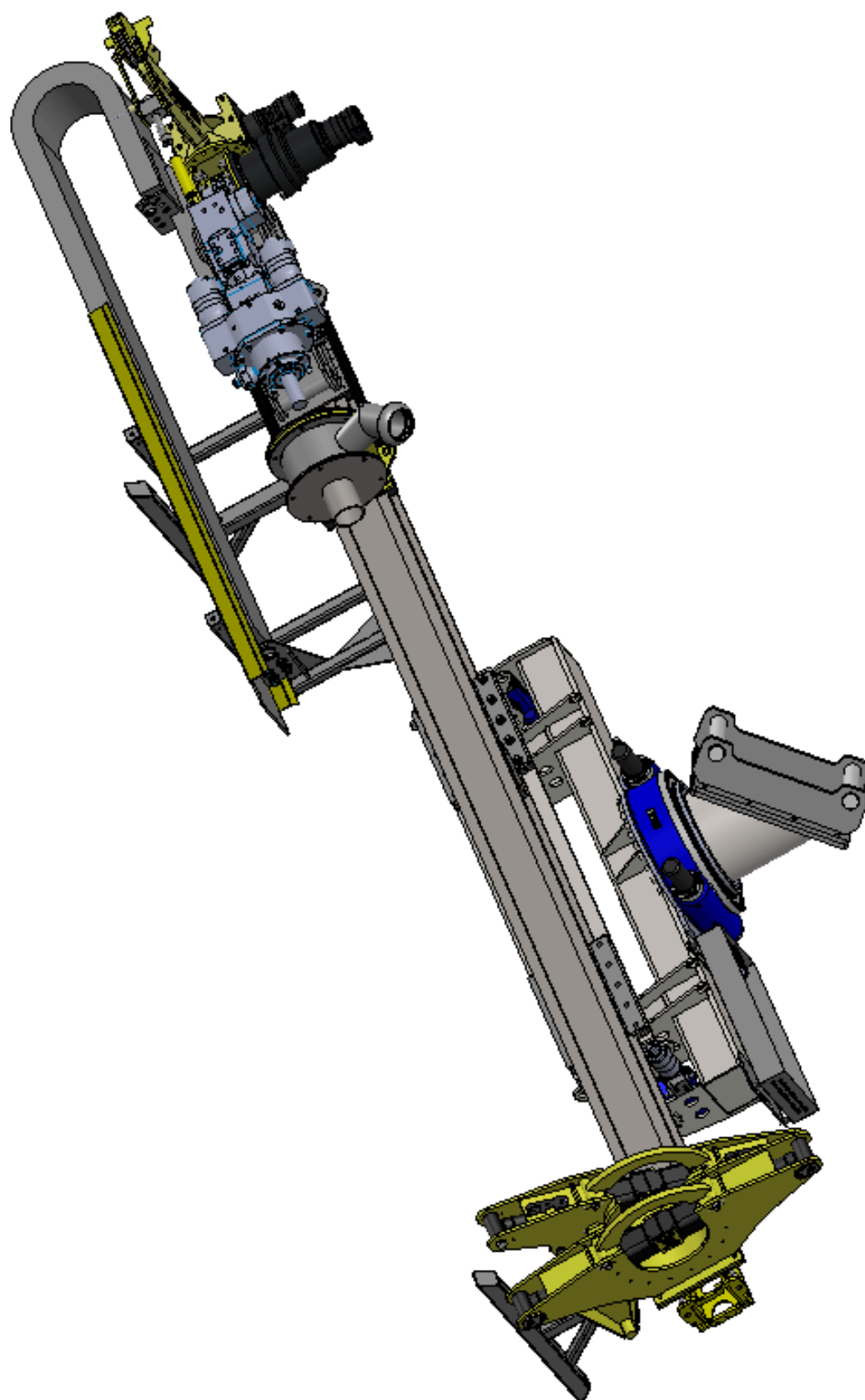
2.2. Excavator Volvo EC250ENL



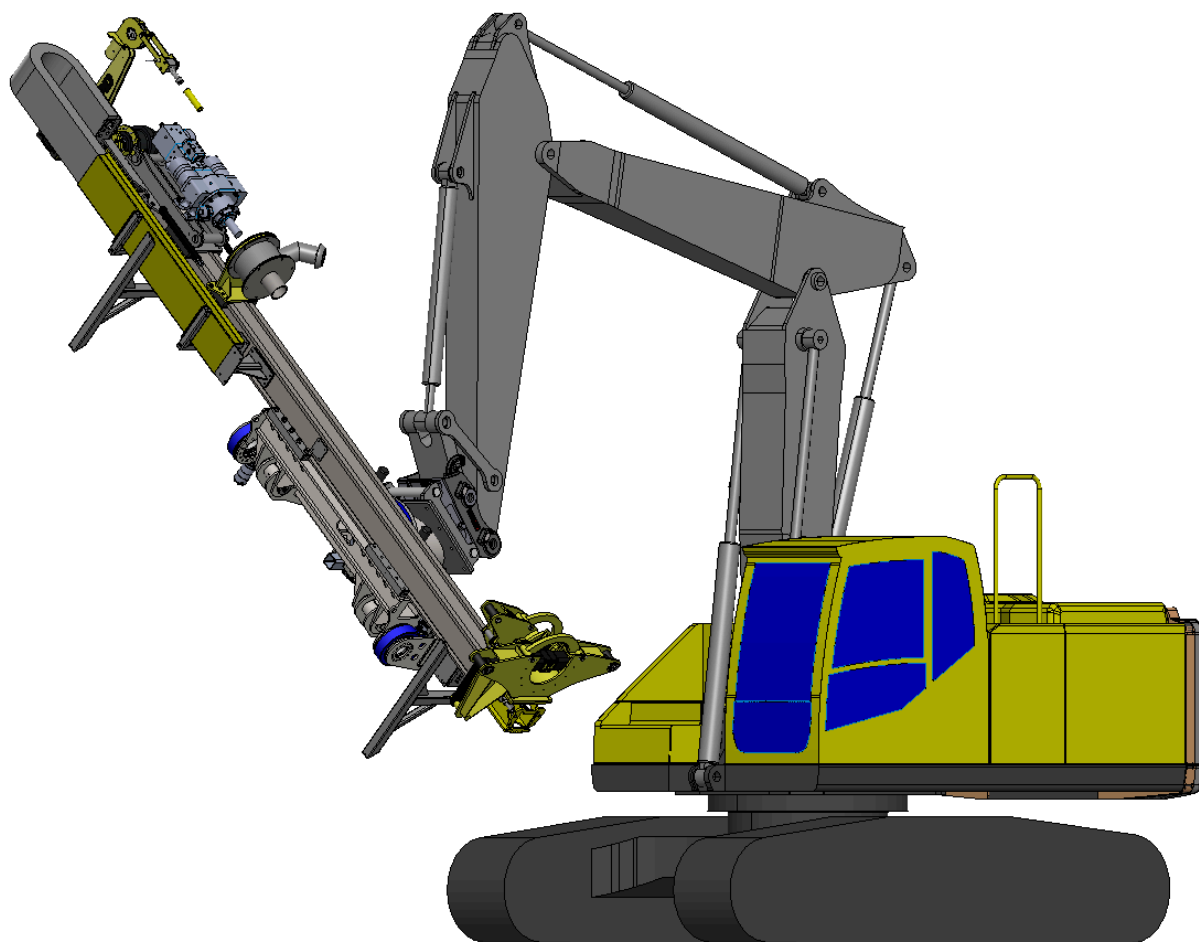
Detail	Specification
Width	3.090 mm
D	3.265mm
F	3.070 mm
I	3.850 mm
J	4.650 mm
N	10.310 mm
O	3.330 mm

2.3. ISO view

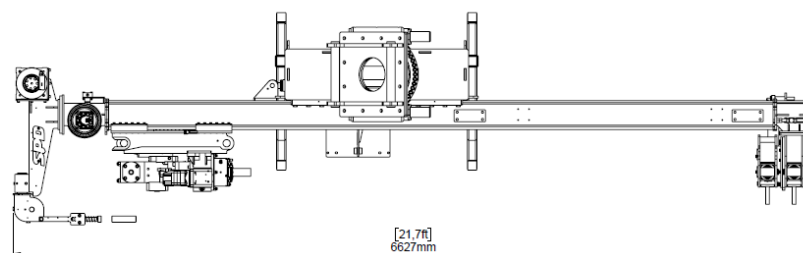
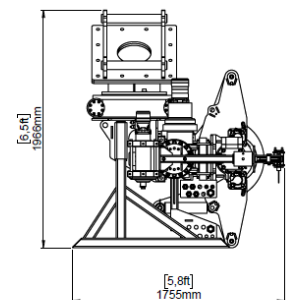
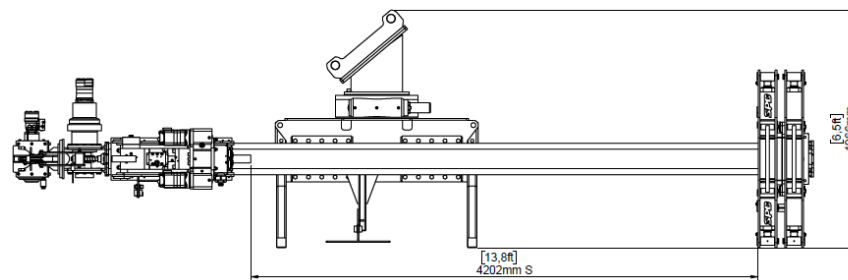
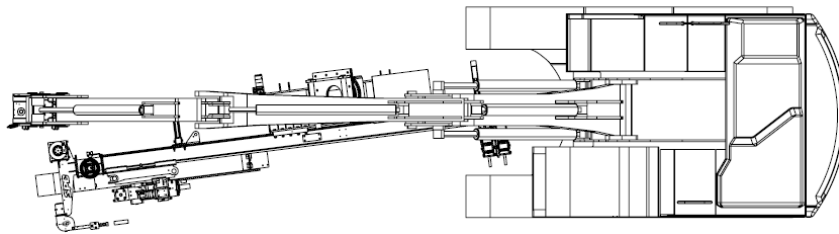
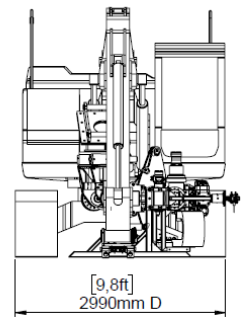
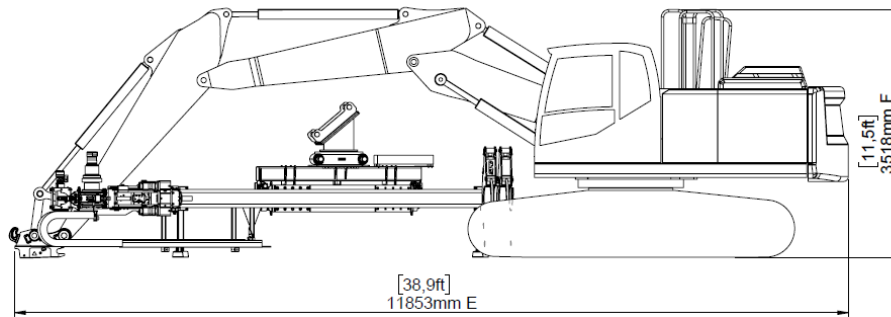
2.4. ISO view mast attachment



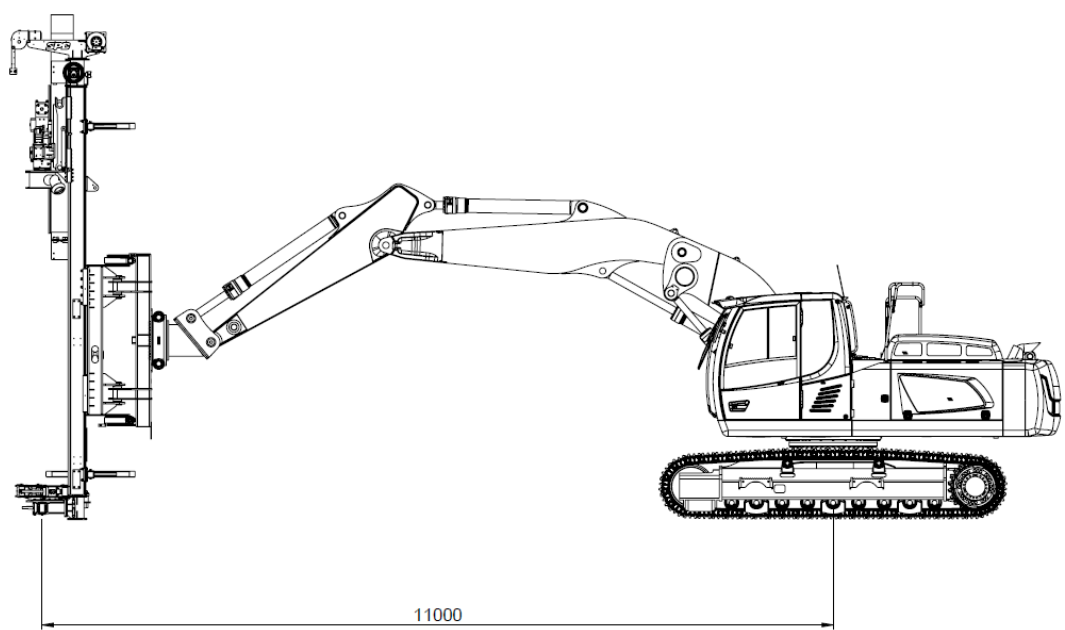
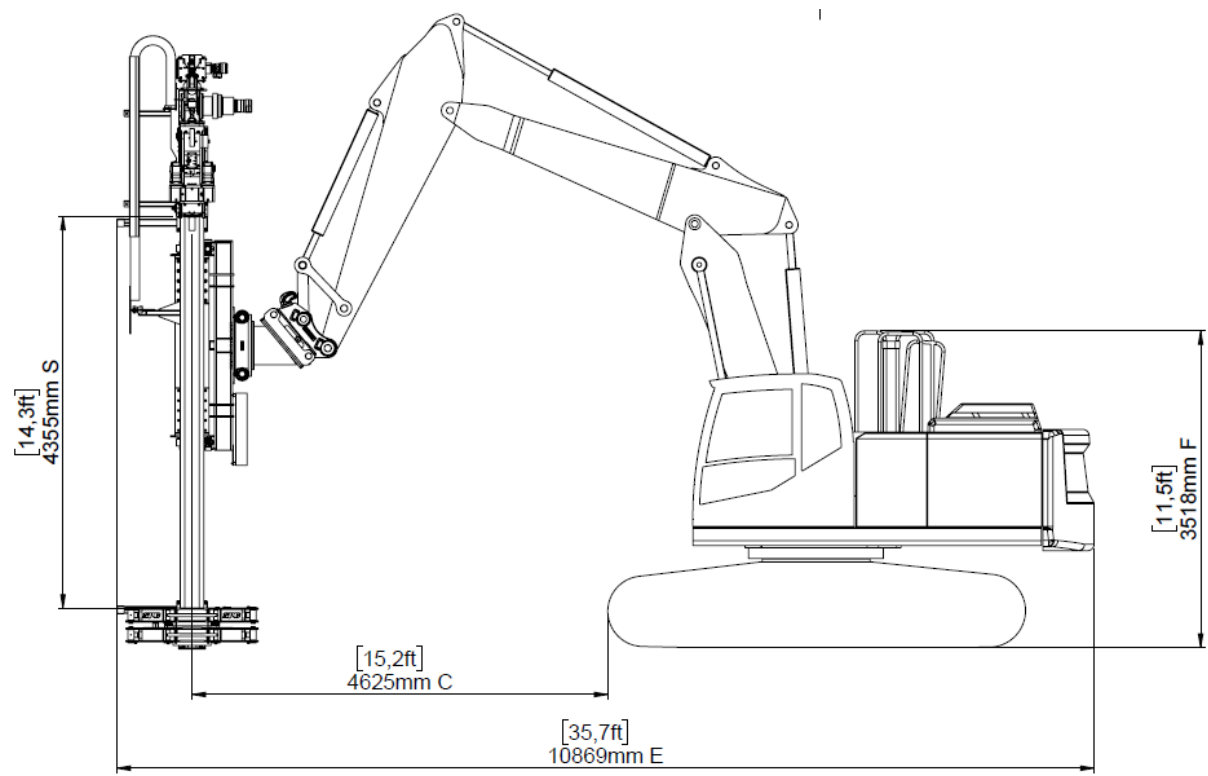
2.5. ISO view DM55.2-EC250ENL



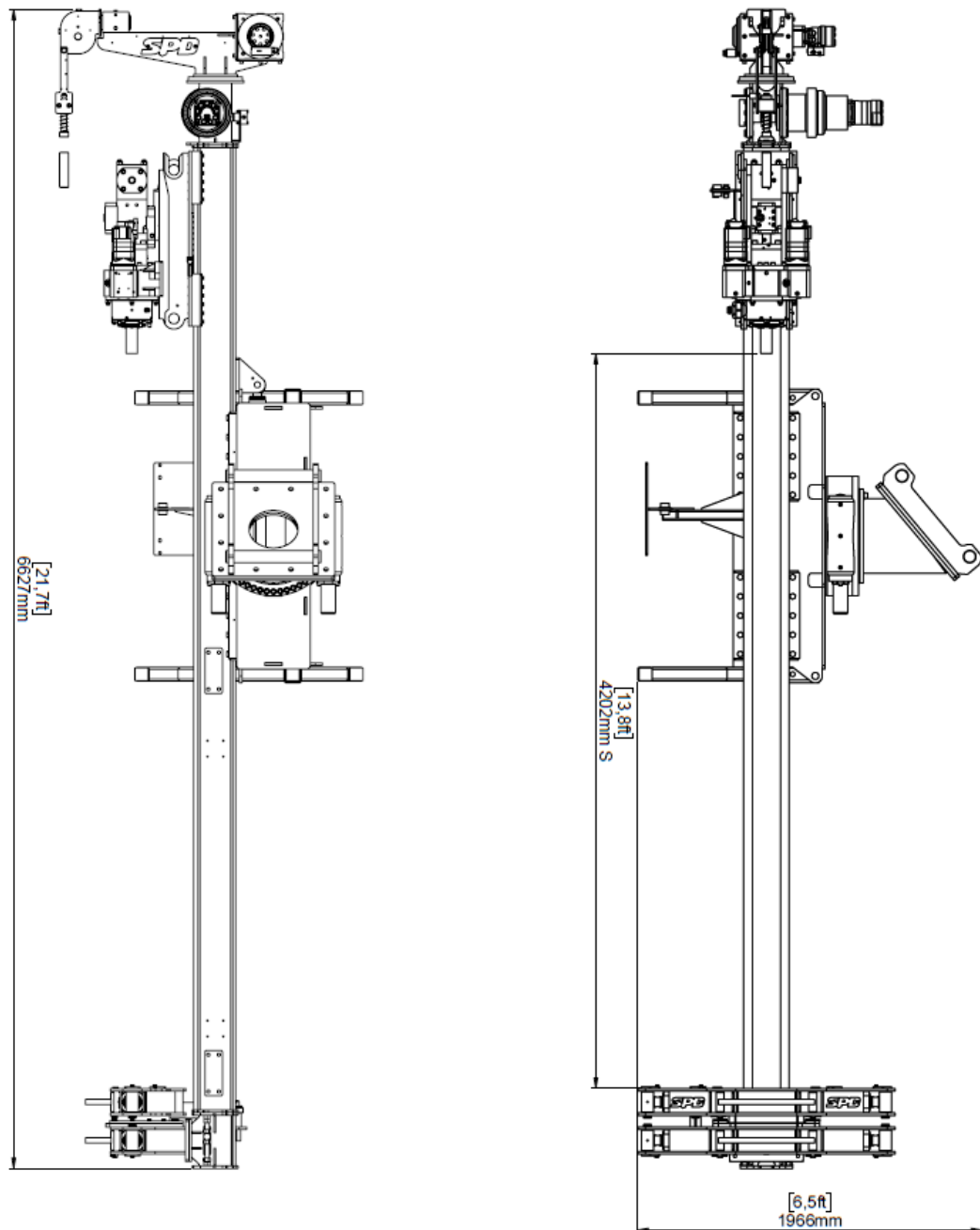
2.6. Transport position



2.7. Reach



2.8. Height and stroke



The technical details and design can be changed without further notice, ask for detailed offer! | Technische Daten und Design können ohne Vorankündigung geändert werden, fordern Sie ein detailliertes Angebot an!

3. Job site photos





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