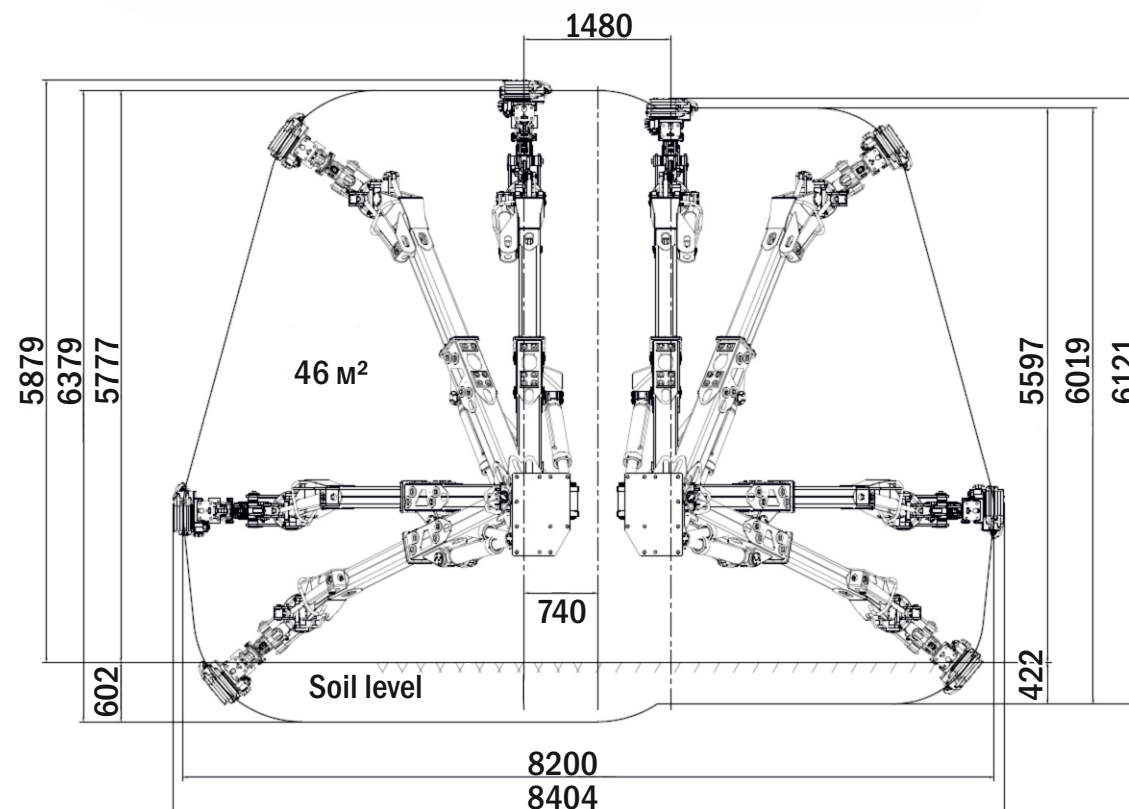
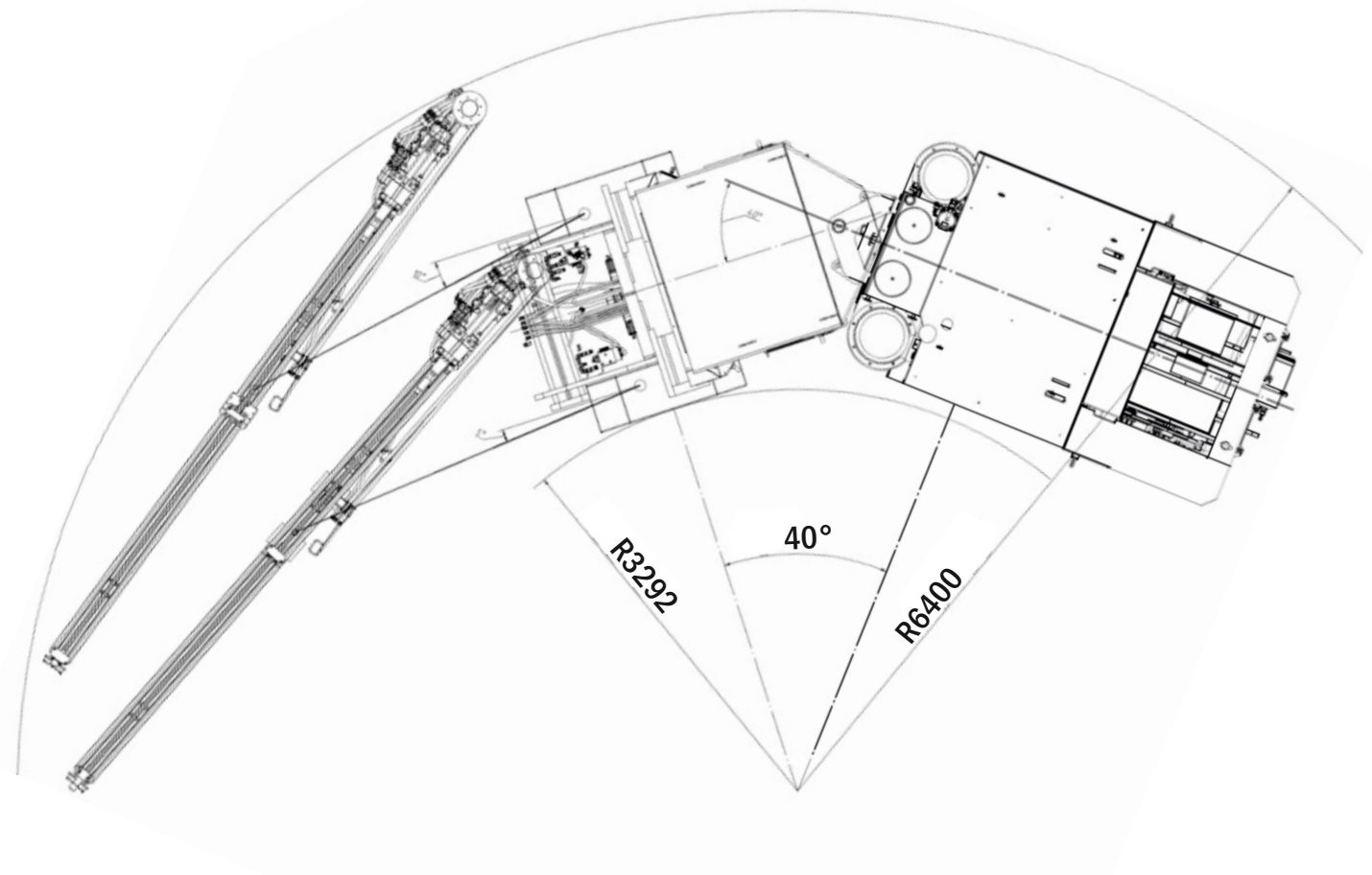
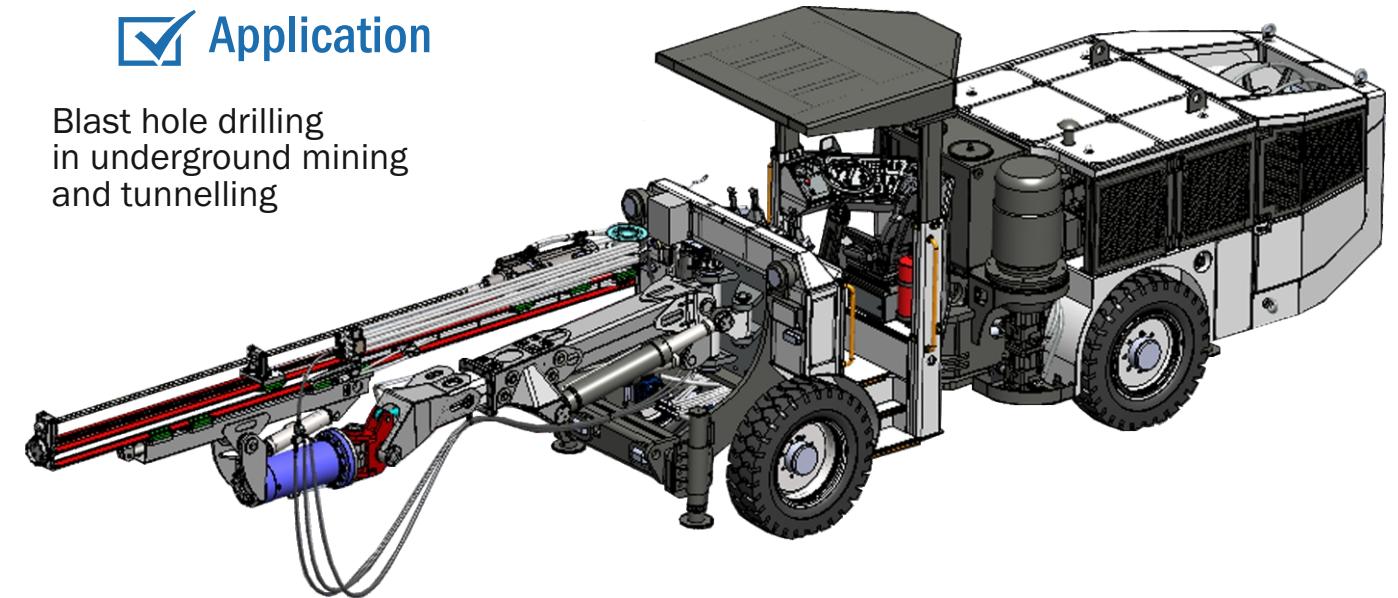




FACE DRILLING RIGS

Application

Blast hole drilling
in underground mining
and tunnelling

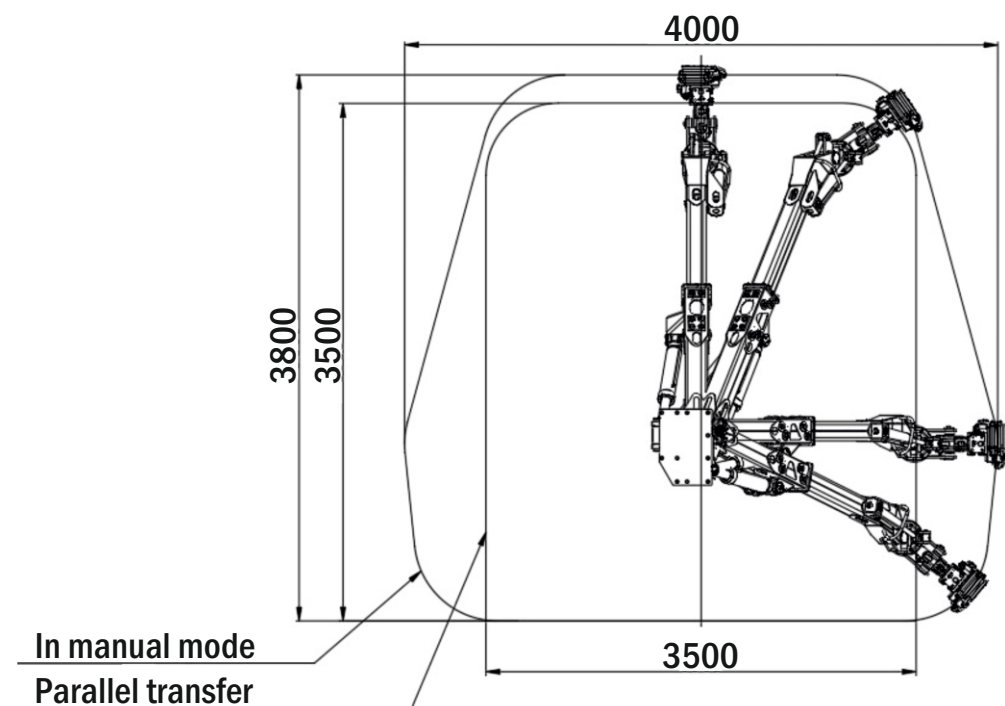
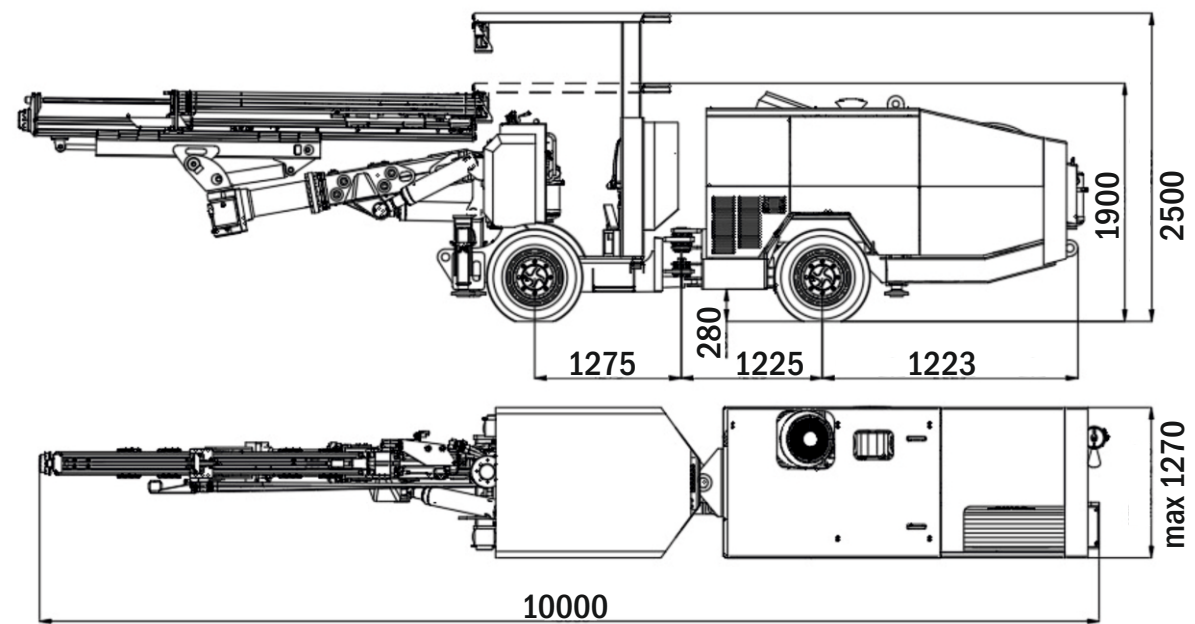
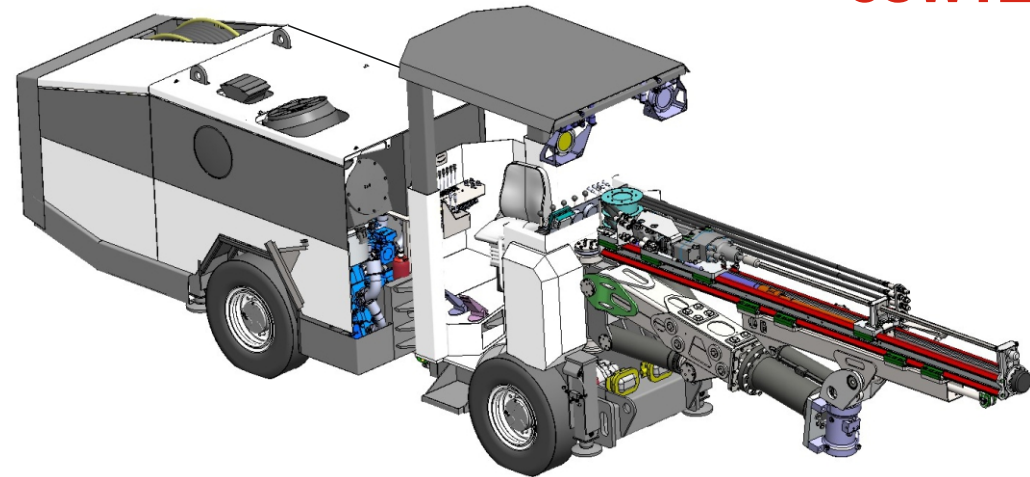


Features

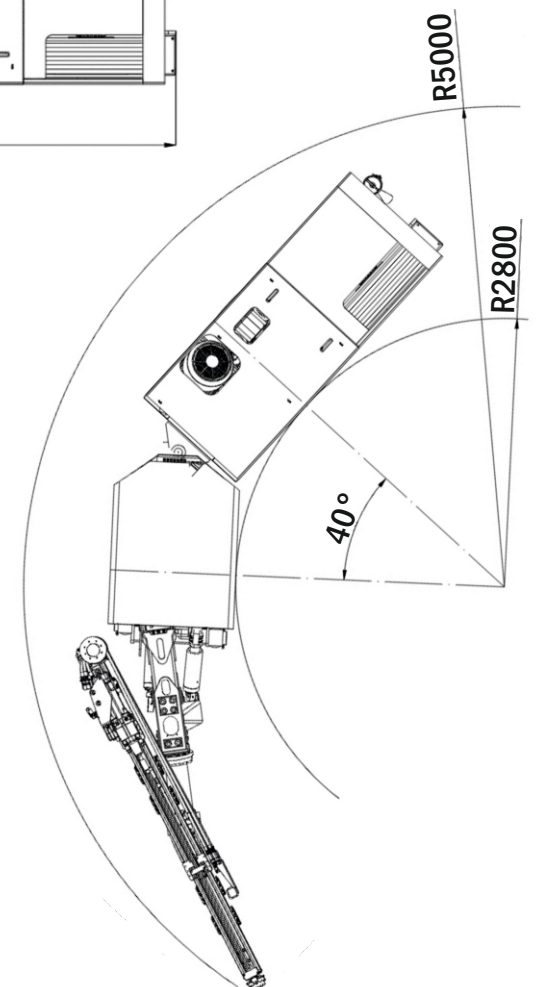
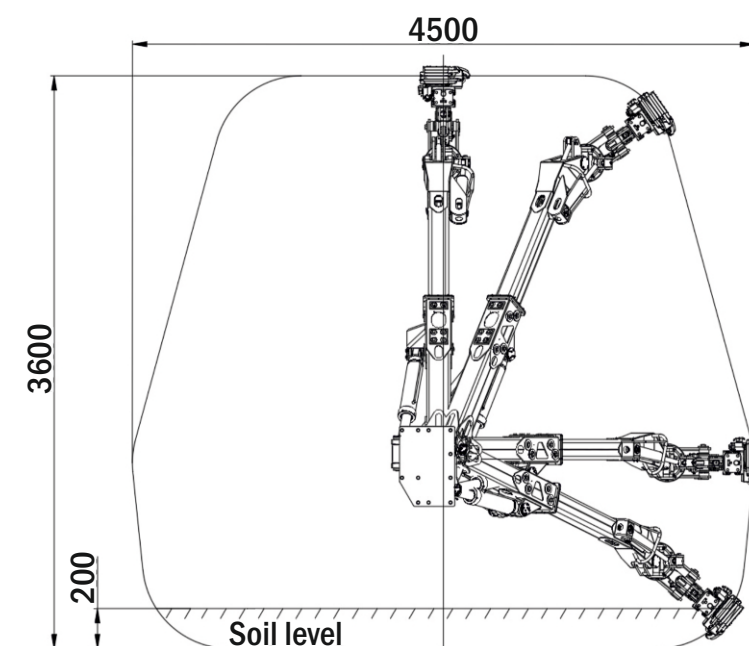
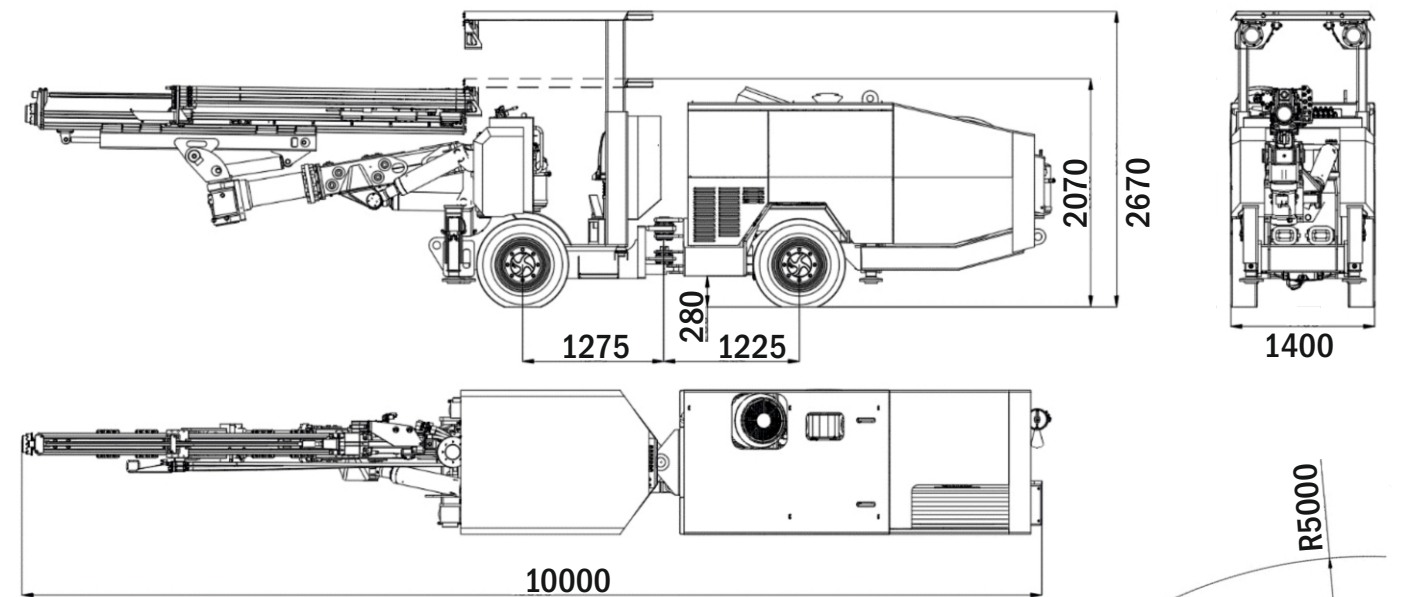
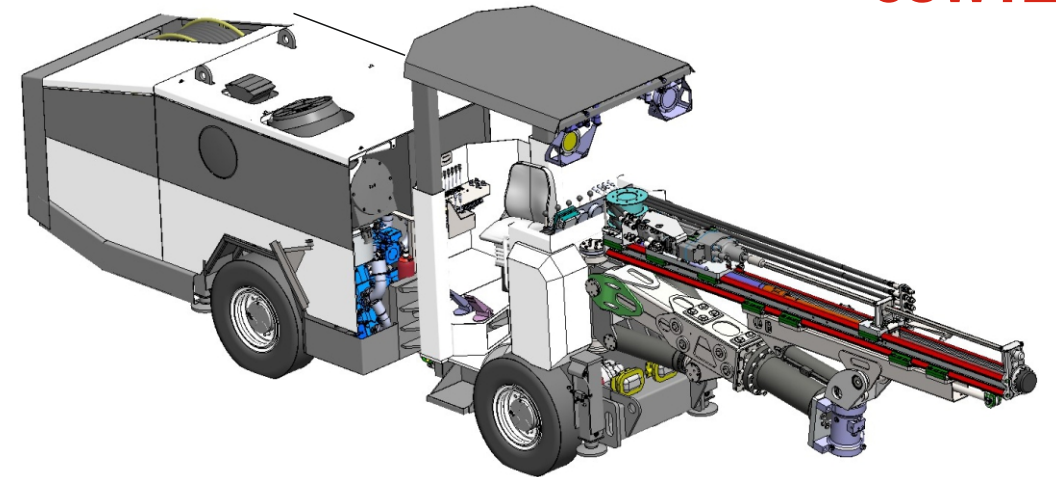
- Manoeuvrable chassis with articulated frame allows movement in a small tunnels
- ROPS and FOPS certified cabin
- Diesel engine combined with exhaust catalyst, sparker or bubble tank
- Hydrostatic transmission ensures smooth running
- High performance hydraulic rock drill up to 25 kW, low maintenance and long repair intervals
- Boom and feeder with telescopic function
- Hydraulic parallel transfer system
- Single or telescopic feeder made of high strength aluminum/steel alloy
- Rotary actuator enable the feeder's rotate on 360° relative to the horizontal axis of the installation and on 180° vertical axis
- Drilling tool feed mode is fast and slow, smoothly controlled
- Reliable and simple hydro control system, which can be additionally equip with different automation levels
- Mine explosion-proof design in accordance with the ATEX standards

	CSWT1D-15	CSWT1D-20	CSWT1D-30	CSWT2D-45
CROSS SECTIONS, m²	15	20	31	45
MAX DRILLING ZONE, m	4x3,8	4,5x5	6,5x6,01	8,5x6,2
HYDRAULIC ROCK DRILL 'S PRODUCERS	Doofor/Yonda/Perald	Doofor/Yonda/Perald	Doofor/Yonda/Perald	Doofor/Yonda/Perald
HYDRAULIC ROCK DRILL 'S IMPACT POWER	17	17	17-25	17-25
MAXIMUM DRILLING DIAMETER, mm	64	90	90	90
HOLE 'S DEEPTH, mm	2100	3500	3900	3900
DRILLING TOOL FEED MODE	fast/slow	fast/slow	fast/slow	fast/slow
TOOL FEED SPEED DURING DRILLING, ADJUSTABLE, m/s	not more than 0,1	not more than 0,1	not more than 0,1	not more than 0,1
FEED MOVEMENT SPEED, m/s	not more than 0,3	not more than 0,3	not more than 0,3	not more than 0,3
TOOL FEED FORCE, kN	15	15	15	15
TOTAL FEEDER LENGTH, mm	4590	5250	5250	2 x 6008
THE BOOM 'S TELESCOPIC LENGTH, mm	-	-	1040	1040
CHASSIS FRAME TYPE	articulated	articulated	articulated	articulated
STEERING ANGLE IN THE CHASSIS HINGE	±40	±40	±40	±40
TRANSMISSION 'S TYPE	hydrostatic	hydrostatic	hydrostatic	hydrostatic/hydrodynamic
CHASSIS TYPE	wheeled mounted	wheeled mounted	wheeled mounted	wheeled mounted
WHEEL FORMULA	4x4	4x4	4x4	4x4
GROUND CLEARANCE, mm	350	350	350	350
ADMISSIBLE SLOPE, deg	15	15	15	15
SPEED, km/h	not less than 10	not less than 10	not less than 10	not less than 10
POWER UNIT	diesel engine and electric motor	diesel engine and electric motor	diesel engine and electric motor	diesel engine and electric motor
ELECTRIC MOTOR 'S POWER, kW	55	55	55	2 x 55
SUPPLY VOLTAGE OF AN ELECTRIC DRIVE	380/660	380/660	380/660	380/660
CABLE DRUMS STORING, m	100	100	100	100
DIESEL ENGINE 'S PRODUCER	Deutz/MMZ/Weichai	Deutz/MMZ/Weichai	Deutz/MMZ/Weichai	Deutz/MMZ/Weichai
DIESEL ENGINE 'S POWER, kW	65	65	65	90
DIMENSIONS: - LENGTHS, mm - WIDTH, mm - HEIGHT, mm	10000 1270 2500/1900	10000 1400 2800/2200	11350 1750 2800/2200	12000 1750 2800/2200
TYRE 'S DIMENSION TYPE	7,5R15	10R20	10R20	12R20
MASS, kg	8000	11000	13500	18500

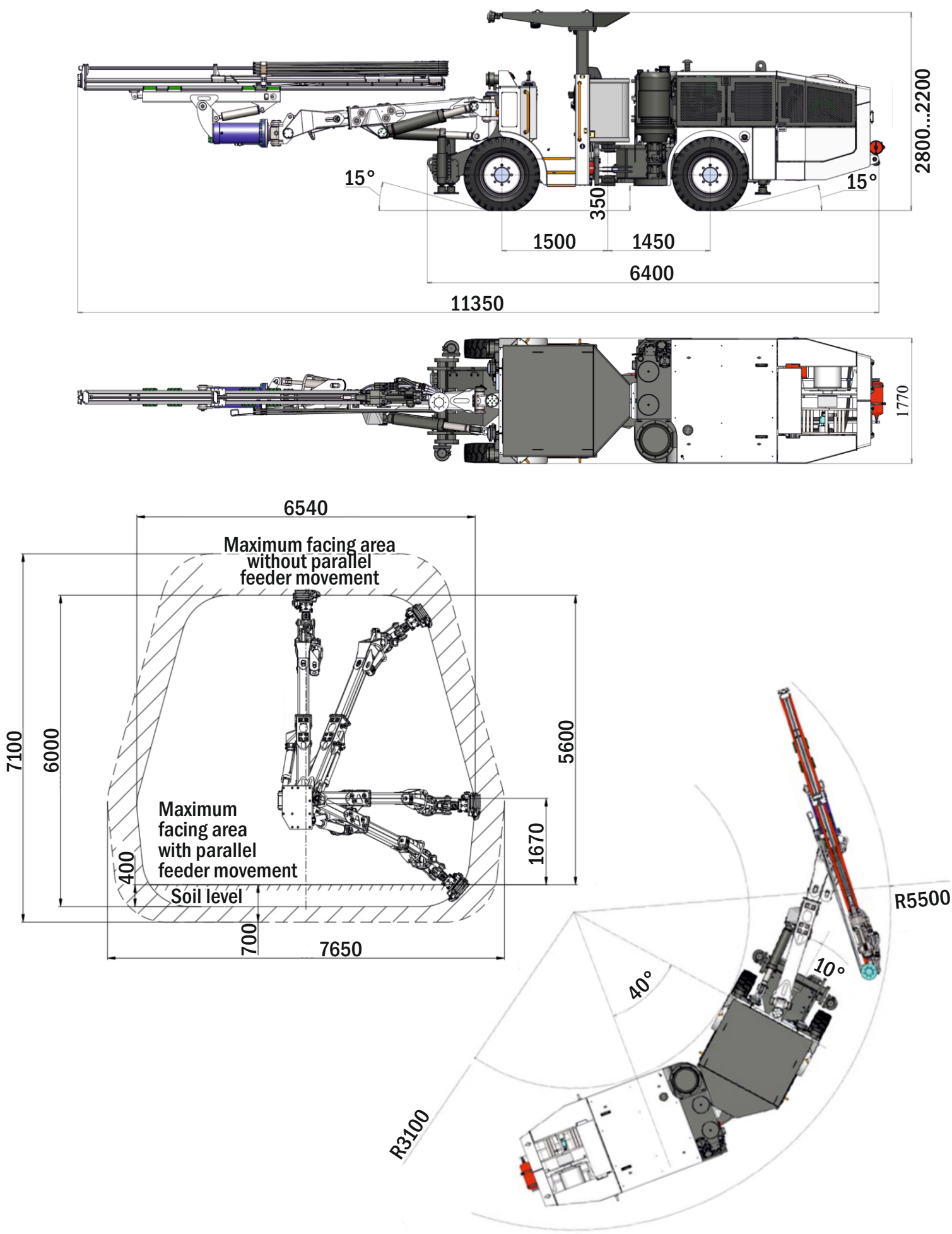
CSWT1D-15



CSWT1D-20



CSWT1D-30



CSWT2D-45

