



SANY ROADHEADER

STR318/5



Good at rock breaking

318 kW cutting power, giving strong cutting force to single cutter with high rock breaking capacity;
Patented pick arrangement and hard-rock pick technology, reducing the cutting pick loss by 30%



Stability

The total roadheader weight is heavy with short body and great stability



Maintainability

Expert-level fault diagnosis system, quickly judging and handling faults



Reliability

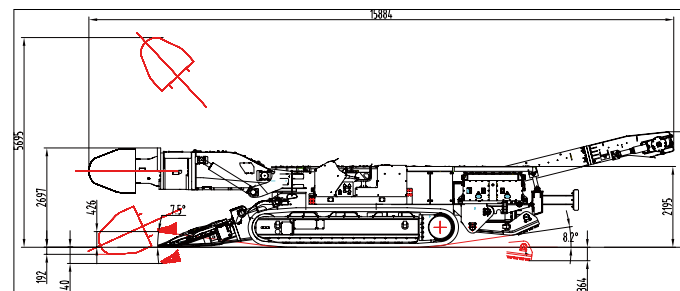
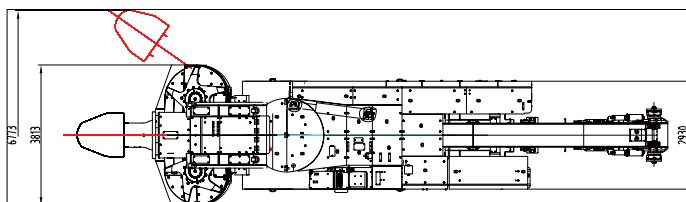
Generation III hard-rock products, which are more mature and reliable with a hard-rock market share of more than 80%

Main technical parameters

Item	Unit	Parameter
Positioned dimension	Cutting height	m 3.3 ~ 5.7
	Cutting width	m 4.2 ~ 6.8
Gradeability	degree	±18
Maximum cutting unidirectional compressive strength for rock	MPa	100
Applicable roadway type	Non-explosion-proof full rock roadways in irrigation works, railway projects, and highway projects	
Dinting depth	mm	192
Cutting motor power	kW	318
Cutting head speed	r/min	32
Loading type	Five-tooth planetary gear	
Conveyor type	Side double-chain scraper conveyor	
Maximum non-removable part dimension (L×W×H)	body frame	m 3.30×1.45×1.67
	front chute	m 3.30×0.78×0.60
	motor housing	m 2.30×1.83×1.14
Walking speed	m/min	0-5.5/8.5
Planetary gear speed	r/min	33
Conveyor chain speed	m/min	72
Fuel tank capacity	L	1300

Item	Unit	Parameter
Overall dimension	L	m 15.9m (Lengthened scraper conveyor)
	W	m Shovel width: 3.8 /Width on both sides of the track: 2.93
	H	m Roadheader height: 2.2 /Height of the highest point when the cutting head is placed horizontally: 2.7
Overall weight	t	120
Supply voltage	V	1140
Oil pump motor power	kW	200
Total installed power	kW	536.5 (including boom-mounted belt conveyor)
PH value of supplied water		6 ~ 8
Underground water supply pressure required	MPa	3 ~ 8
Required/minimum cooling water consumption	L/min	100/30
Maximum non-removable part weight	kg	< 11500
Track width	mm	720
Hydraulic pump	ml/r	260+190+145
Pressure to ground	MPa	0.172
Space to ground	mm	260

Overall size



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Reminder:

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