



Integrated drilling and splitting machine

Product Overview

Integrated hydraulic drilling and splitting machine is an advanced, non-blasting and rock-breaking equipment. The rock drill and splitter are perfectly combined with an excavator. Corresponding electro-hydraulic control system is added by using hydraulic oil source from the excavator. Fast drilling speed, strong splitting force and flexible movement make it multifunctional. Working on any working face with various angles, it effectively cope with complex construction environment.

Unlike rock splitters installed on the excavator, it doesn't require an additional rock drill to drill holes. Therefore, it saves expensive cost to purchase rock drills. Meanwhile, there is no need to move the equipment frequently during working period, which greatly improves efficiency to break rocks.

Product Specification

Serial number	Parameter	Unit	Value
1	Length*width*height	mm	3900*1300* 10500
2	Total weight	Kg	3350
3	Hydraulic rock drill	/	YONDA210/Optional
4	Drilling diameter	mm	115
5	Drilling depth	mm	1700
6	Drilling speed	mm/min	500-1200
7	Impulse power	Kw	18
8	Impulse mode	/	Hydraulic
9	Impulse pressure	Bar	150
10	Impulse flow	L/min	80-100
11	Impulse energy	J	300
12	Rotating flow	L/min	30-44
13	Rotating speed	Bar	150
14	Rotating torque	N.m	830
15	Rotating speed	Rpm	250
16	Max. working flow	L/min	250
17	Rated pressure	Bar	180
18	Rock splitter	/	ZDPL320
19	Cylinder diameter	mm	320
20	Splitting pressure	Bar	≤315
21	Strain	t	5000
22	Control system	/	Electro-hydraulic proportional valve + wireless remote control
23	Dust removal system	/	optional
24	Screw air compressor	/	40SCG-4.5m ³ /7bar
25	Air displacement	m ³ /min	4.5
26	Air pressure	Bar	7
27	Matching drill rod	/	T45/T51-1830
28	Matching excavator	t	≥20