

Dagangan : SURFACE DRILL RIGS FOR QUARRYING AND CONSTRUCTION

Nama Perdagangan : Surface Drill Rigs
 Jenama : FlexiRocT35
 Model : EPIROC

Kod Tarif (Perintah Duti Kastam 2012):

8430.41.00 00 (PDK 2017)

Tarikh Kelulusan :

11 Januari 2019

Keterangan barangan :

Barangan merupakan mesin yang digunakan untuk *create holes in the earth's subsurface*. Mesin ini akan menebuk/menggerudi batu untuk menjadi lubang di atas tanah bagi memudahkan kerja-kerja perlombongan dan pembinaan.

Barangan mempunyai spesifikasi seperti berikut:-

Hydraulic Rock drill

Rock drill	Drill rig	Hole diameter		Impact power		Hydraulic pressure, max		Impact rate, max	Torque, max		Weight approx	
COP 1840+	FlexiROC T35	Ø 64-115 mm	Ø 2.5"-4.5"	20 kW	25.5 hp	220 bar	3 190 psi	42-50 Hz	1180 Nm	870 lbf/ft	175 kg	385 lb
COP 1840EX+											230 kg	507 lb
COP 2540+	FlexiROC T35 FlexiROC T40	Ø 64-89 mm	Ø 2.5"-3.5"	25 kW	33.5 hp	220 bar	3 190 psi	55-70 Hz	1180 Nm	870 lbf/ft	175 kg	385 lb
COP 2540EX+											230 kg	507 lb
COP 2560+	FlexiROC T40	Ø 76-127 mm	Ø 3"-5"	25 kW	33.5 hp	220 bar	3 190 psi	44-53 Hz	1810 Nm	1 335 lbf/ft	187 kg	412 lb
COP 2560EX+											249 kg	549 lb

Feed

	FlexiROC T35		FlexiROC T35-LF		FlexiROC T40	
	Metric	US	Metric	US	Metric	US
Feed extension	1 400 mm	55"	1 400 mm	55"	1 400 mm	55"
Feed rate, max	0.92 m/s	184 ft/min	0.92 m/s	184 ft/min	0.92 m/s	184 ft/min
Feed force, max	20 kN	4 400 lbf	20 kN	4 400 lbf	20 kN	4 400 lbf
Tractive pull, max	20 kN	4 400 lbf	20 kN	4 400 lbf	20 kN	4 400 lbf
Total length	7 140 mm	281"	8 240 mm	325"	7 140 mm	281"
Travel length	4 240 mm	167"	8 670 mm	341"	4 240 mm	167"

Compressor

Atlas Copco OIS K-36-C111GD, screw compressor	FlexiROC T35		FlexiROC T35-LF		FlexiROC T40	
	Metric	US	Metric	US	Metric	US
Working pressure, max	10.5 bar	152 psi	10.5 bar	152 psi	10.5 bar	152 psi
FAD, at normal working pressure	127 l/s	270 cfm	127 l/s	270 cfm	149 l/s	316 cfm

Volumes

	Metric	US
Hydraulic oil tank	250 l	65.0 gal
Hydraulic system, total	300 l	79.0 gal
Compressor oil	24 l	6.3 gal
Diesel engine oil	28 l	7.4 gal
Diesel engine, cooling water	35 l	9.2 gal
Diesel engine, fuel tank	370 l	98.0 gal

Electrical system

Voltage	24 V
Batteries	2 x 12 V, 185 Ah
Alternator	28 V, 95 Ah
Work lights, front	4 x 70 W
Work lights, rear	2 x 70 W
Work lights, feed	2 x 70 W
Warning lamp and reverse buzzer	

Gambar barangan adalah seperti di bawah:



Ketetapan:

Ketua Pengarah Kastam Malaysia memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **8430.41.00 00** sebagai **other boring machinery, self-propelled** berdasarkan alasan-alasan berikut :

- Barangan merupakan sebuah self-propelled machine yang telah dilengkapi dengan *tophammer drill rigs* yang diimport secara CBU. Barangan digunakan untuk menggerudi baru dan menjadi lubang bagi membantu kerja-kerja perlombongan dan pembinaan.
- Barangan mendapat liputan di dalam HS 2017 Explanatory Notes muka surat XVI-8430-1 dan 4 seperti berikut:

84.30	-	<i>Other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snow-ploughs and snow-blowers.</i>
8430.10	-	<i>Pile-drivers and pile-extractors</i>
8430.20	-	<i>Snow-ploughs and snow-blowers</i>
	-	<i>Coal or rock cutters and tunnelling machinery :</i>
8430.31	- -	<i>Self-propelled</i>
8430.39	- -	<i>Other</i>
	-	<i>Other boring or sinking machinery :</i>
8430.41	- -	<i>Self-propelled</i>
8430.49	- -	<i>Other</i>
8430.50	-	<i>Other machinery, self-propelled</i>
	

This heading covers machinery, other than the self-propelled machines of heading 84.29 and agricultural, horticultural or forestry machinery (heading 84.32), for "attacking" the earth's crust (e.g., for cutting and breaking down rock, earth, coal, etc.; earth excavation, digging, drilling, etc.), or for preparing or compacting the terrain (e.g., scraping, levelling, grading, tamping or rolling). It also includes pile-drivers, pile-extractors, snow-ploughs, and snow-blowers.

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MULTI FUNCTION MACHINES

Many machines, in addition to carrying out the functions described in heading 84.29 or 84.30 (excavating, levelling, boring, etc.), can also perform the functions described in heading 84.25, 84.26, 84.27 or 84.28 (lifting, loading, etc.). These machines are classified in accordance with Note 3 to Section XVI or by application of Interpretative Rule 3 (c). Examples are combined coal-cutting and loading machines, combined trenching and pipe lifting and lowering machines, etc.

(I) – (II)

(III) EXTRACTING, CUTTING OR DRILLING MACHINERY

This is mainly used in mining, well-drilling, tunnelling, quarrying, clay cutting, etc.

(A) *Coal or rock cutters for cutting or breaking down coal, ores, etc. They consist of a bar or disc fitted with picks, or, more often, of an endless cutting chain running round a metal jib which may be adjustable for level and angle of cut (universal cutters). They may be mounted on self-propelled wheeled or tracklayino- chassis, and some (cutter loaders) may be very large, incorporating a number of cutting chains and a built-in conveyor for loading the cut material on to the face conveyor, tubs, etc.*

(B) *Tunnelling machinery. Tunnelling shields have smooth outer surfaces and sharp front cutting edges which are pushed forward into the soil by a hydraulic jacking system.*

(C) ***Machines for boring drill holes in rock, coal, etc., and percussion type cutters in which the drill can be swung to make linear cuts. But the heading excludes such tools for working in the hand, pneumatic, hydraulic or with self-contained motor (heading 84.67).***

(D) *Well sinking or boring machines for the extraction of petroleum, natural gases, sulphur (Frasch process), etc., for raising strata samples in mining and oil well prospecting, for the sinking of artesian wells, etc. These machines are of two main types:*

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- Berdasarkan struktur tarif Perintah Duti Kastam 2017, barangan mendapat liputan seperti berikut:

84.30

Other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snow-ploughs and snow-blowers.

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|----------------------|-------|--|
| 8430.10.00 00 | - | <i>Pile-drivers and pile-extractors</i> |
| 8430.20.00 00 | - | <i>Snow-ploughs and snow-blowers</i> |
| | - | <i>Coal or rock cutters and tunnelling machinery :</i> |
| 8430.31.00 00 | - - | <i>Self-propelled</i> |
| 8430.39.00 00 | - - | <i>Other</i> |
| | - | <i>Other boring or sinking machinery :</i> |
| 8430.41.00 00 | - - | <i>Self-propelled</i> |
| 8430.49 | - - | <i>Other</i> |
| 8430.49.10 00 | - - - | <i>Wellhead platforms and integrated production modules for use in drilling operations</i> |
| 8430.49.90 00 | - - - | <i>Other</i> |