

One-Stop solution for broken tap/drill

Metal Arc Disintegrator

Suitable Electrode sizes and approximate time taken
in Minutes for disintegrating Broken Tools
(Length of Broken Tool 25 mm)

Tap/ Drill (mm)	Electrode Size (mm)	Time in Minutes			
		SK III	DMS III	DMS X	DMS XX
2.6	1.5	5	5	4	2
4.0	2.0	6	6	5	3
6.0	3.0	8	8	5	3
8.0	5.0	9	9	7	4
10.0	6.0	11	11	8	4
12.0	7.0	14	14	10	5
14.0	8.0	18	18	12	6
16.0	10.0	22	22	14	7
18.0	11.0	25	25	15	8
20.0	12.0	30	30	18	9
27.0	15.0	38	38	20	10
35.0	20.0	50	50	25	13
40.0	25.0	60	60	30	15



Optional Portable Accessories



Hydraulic Trolley
with Portable Head.



Electromagnetic Base
with Portable Head

Specifications of Metal Arc Disintegrator					
Description	Unit	Model SK III	Model DMS III	Model DMS X	Model DMS XX
Power Rating	KVA	3	3	10	20
Working Voltage	V	415V, 3 Phase, 50Hz			
Electrode Movement	mm	150	200	200	250
Work Table	mm	700 x 600	1050 x 750		
Max. Job Height from Table	mm	320	750		
Max. Job Height from Floor	mm	1050	1750		
Column Height	mm	750	1250		
Max. height of Cross Arm From Table	mm	N.A.	900		
Motorised Vertical Travel of Cross Arm	mm	N.A.	600		
Dist. bet. Column & Electrode Holder	Min.	mm	280	280	
	Max.	mm	280	650	
Length Of Cross arm	mm	N.A.	850		
Horizontal Travel of Electrode on Cross Arm	mm	N.A.	350		
Swiveling Movements	Servo Slide	Deg	N.A.	35	
	Cross Arm	Deg	360		
	Vertical Column	Deg	360		
Coolant		Tap Water			
Coolant Pump capacity	LPM	10			
Coolant tank Capacity	Liters	50	100		
Electrode Sizes		To be selected			
Type Of Electrode		Copper Tubes, Tungsten, Copper & Graphite			
Max. Distance bet. Machine Unit & job with portable head to remove broken tap / drill	Meters	15			

List of Standard Accessories:

- Copper Electrodes – 10 Nos
- Strap Clamp - 2 Nos Along with M12 stud & Nut
- Machine Lamp
- Operation & Instruction Manual
- Tool Kit

To remove broken tools in unapproachable places or IN SITU condition, above Accessories can be used. These Accessories are provided with 15 Meter control cable and water pipe.