



Mig Mag Step Switch - Wire Feeder



KMD 285 & D 285

KMD 352 & D 352

KMD 502 & D 502

Main Applications

- Steel metal sheet
- Construction and shipyards
- Oil and gas pipe welding
- On site welding

Advantageous

- New Japanese Separate Wire Feeder design Mig Mag machine for light to heavy industries, delivers highly reliable welding results, of impeccable quality
- The latest Japanese rectifier technology to produce excellent welding characteristic for CO2 and mixed gas mig mag welding
- A reliable choke transformer is optimally produced for better welding and less spatter
- Interval welding, with welding and interval time
- Post gas and burn back adjustment
- Gas test and wire inching
- Fine and coarse voltage adjustment
- Rugged industrial wire feeder system, with two geared feed rolls, quick change reversible drive rolls and easy to set scaled tension knob
- Inclined wire spool hub for smooth wire transfer and better welding result
- Internal components are protected from damage by thermal overload protection which automatically shuts down the unit
- Spot welding with spot time
- Easy load gas cylinder with lowered platform
- Strong machine fan for maximum cooling system



The KMD 285 Wire Feeder equipped with Continuous welding and Post Gas Adjustment



2 connections for inductance In the KMD 285 Power Source



The KMD 352 & KMD 502 Wire Feeder equipped with several features like : Continuous welding for 2 stroke and 4 stroke, Soft Start Adjustment, Pre Gas Adjustment and Post Gas Adjustment



3 connections for inductance In the KMD 352 and KMD 502 Power Source

Specifications	KMD 285	KMD 352	KMD 502
Welding range	20 - 285 A	30 - 350 A	40 - 500 A
Load voltage	15 - 28.2 V	15.5 - 31.5 V	16 - 39 V
Open circuit voltage	36 V	43 V	49 V
Voltage settings	2 x 10	3 x 10	4 x 10
Welding current at 40 % duty cycle	280 A	-	-
Welding current at 60 % duty cycle	-	350 A	500 A
Welding current at 100 % duty cycle	180 A	275 A	390 A
Weldable Steel wire	0.8 - 1.2 mm	0.8 - 1.6 mm	0.8 - 2.4 mm
Weldable Aluminum wire	0.9 - 1.2 mm	0.9 - 1.6 mm	0.9 - 2.4 mm
Wire feed rate	1 - 17 m/min	0.5 - 20 m/min	0.5 - 20 m/min
Input phase	3 Phase	3 Phase	3 Phase
Main voltage, Tolerance	380 V, ± 10 %	380 V, ± 10 %	380 V, ± 10 %
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Main fuse (slow - blow)	16 A	22 A	35 A
Max. power consumption 380 V	10.5 KVA	14.5 KVA	23 KVA
Power factor	0.96	0.96	0.96
Index protection	IP 21	IP 21	IP 21
Insulation class	H	H	H
Cooling type	F	F	F
Noise emission	< 75 dB (A)	< 75 dB (A)	< 75 dB (A)
Machine dimension (L x W x H)	843 x 355 x 725 mm	850 x 374 x 725 mm	950 x 390 x 750 mm
Machine weight	85 Kg	104 Kg	150 Kg
Wire feeder dimension (L x W x H)	540 x 242 x 448 mm	550 x 242 x 448 mm	550 x 242 x 448 mm
Wire feeder weight	13 Kg	18 Kg	21 Kg

Item Code	Item Name	MoQ
101.05.001.1	KMD 285 - Mig Mag Air Cooled Package	1 Set
101.05.001.2	KMD 285 - Mig Mag Air Cooled Package for Alu	1 Set
101.05.001.3	KMD 285 - Mig Mag Water Cooled Package	1 Set
101.05.001.4	KMD 285 - Mig Mag Water Cooled Package for Alu	1 Set
	<ul style="list-style-type: none"> • Wire feeder D 285 - 1 unit • feedroll for steel Ø 0.8/1.0 mm • interpass cable size 35 mm at 3 m - air cooled - KMD 285 w/o Gas hose - 1 set • gas nipple size ¼ " 	
101.05.002.1	KMD 352 - Mig Mag Air Cooled Package	1 Set
101.05.002.2	KMD 352 - Mig Mag Air Cooled Package for Alu	1 Set
101.05.002.3	KMD 352 - Mig Mag Water Cooled Package	1 Set
101.05.002.4	KMD 352 - Mig Mag Water Cooled Package for Alu	1 Set
	<ul style="list-style-type: none"> • Wire feeder D 352 - 1 Unit • Feedroll for steel Ø 1.0/1.2 mm - 1 Pcs • Interpass cable size 50 mm at 3 m - Air Cooled - KMD 352 w/o Gas Hose - 1 set • Gas Nipple size ¼ " - 3 Pcs 	
101.05.003.1	KMD 502 - Mig Mag Air Cooled Package	1 Set
101.05.003.2	KMD 502 - Mig Mag Air Cooled Package for Alu	1 Set
101.05.003.3	KMD 502 - Mig Mag Water Cooled Package	1 Set
101.05.003.4	KMD 502 - Mig Mag Water Cooled Package for Alu	1 Set
	<ul style="list-style-type: none"> • Wire feeder D 502 - 1 unit • Feedroll for Steel Ø 1.0/1.2 mm - 2 Pcs • Interpass Cable size 70 mm at 3 m - Air Cooled - KMD 502 w/o Gas Hose - 1 Set • Gas Nipple size ¼ " - 3 Pcs 	



Item Code	Item Name	MoQ												
			101.05.001.1	101.05.001.2	101.05.001.3	101.05.001.4	101.05.002.1	101.05.002.2	101.05.002.3	101.05.002.4	101.05.003.1	101.05.003.2	101.05.003.3	101.05.003.4
Standard Accessories														
101.05.001	Mig Mag Step Switch - KMD 285	1 Unit	•	•	•	•								
101.05.002	Mig Mag Step Switch - KMD 352	1 Unit					•	•	•	•				
101.05.003	Mig Mag Step Switch - KMD 502	1 Unit										•	•	•
201.11.004	Plug to Ground Clamp 300 A, 35 mm2 at 3 m - KM 285 & KMD 285	1 Set	•	•	•	•								
201.11.005	Plug to Ground Clamp 600 A, 50 mm2 at 3 m - KMD 352	1 Set					•	•	•	•				
201.11.006	Plug to Ground Clamp 600 A, 70 mm2 at 3 m - KMD 502	1 Set										•	•	•
101.12.003	D 300 - Water Cooler Machine	1 Set			•	•			•	•			•	•
208.11.003	Water Cooled Hose Package - Blue & Red at 3 m 1 Set				•	•			•	•			•	•
208.12.001	Regulator Gas Hose - Blue at 1.5 m	1 Set	•	•	•	•	•	•	•	•	•	•	•	•
208.12.002	Interpass Gas Hose - Blue at 3 m	1 Set	•	•	•	•	•	•	•	•	•	•	•	•
201.23.001	Argon Gas Regulator	1 Pcs		•	•			•	•				•	•
Standard Alternatif														
250.02.003.1	Mig Torch - Pro Mig 24 at 3 m long	1 Set	•	•				•	•		•			
250.02.004.1	Mig Torch - Pro Mig 24 at 4 m long	1 Set	•	•				•	•		•			
250.02.005.1	Mig Torch - Pro Mig 24 at 5 m long	1 Set	•	•				•	•		•			
250.02.001.1	Mig Torch - Pro Mig 15 at 3 m long	1 Set	•	•										
250.02.002.1	Mig Torch - Pro Mig 15 at 4 m long	1 Set	•	•										
250.02.009.1	Mig Torch - Pro Mig 500 at 3 m long	1 Set			•	•			•				•	•
250.02.010.1	Mig Torch - Pro Mig 500 at 4 m long	1 Set			•	•			•				•	•
250.02.006.1	Mig Torch - Pro Mig 36 at 3 m long	1 Set						•	•		•	•		
250.02.007.1	Mig Torch - Pro Mig 36 at 4 m long	1 Set						•	•		•	•		
250.02.008.1	Mig Torch - Pro Mig 36 at 5 m long	1 Set						•	•		•	•		
250.16.006.1	Teflon Liner - Red Ø 1.0 - 1.2 mm at 5 m	1 Set		•	•				•	•			•	•
250.16.009.1	Teflon Liner - Yellow Ø 1.4 - 1.6 mm at 5 m	1 Set							•	•			•	•
250.16.003.1	Teflon Liner - Blue Ø 0.8 - 1.0 mm at 5 m	1 Set		•	•				•	•			•	•
250.16.002.1	Teflon Liner - Blue Ø 0.8 - 1.0 mm at 4 m	1 Set		•	•				•	•			•	•
250.16.005.1	Teflon Liner - Red Ø 1.0 - 1.2 mm at 4 m	1 Set		•	•				•	•			•	•
250.16.008.1	Teflon Liner - Yellow Ø 1.4 - 1.6 mm at 4 m	1 Set							•	•			•	•
250.16.001.1	Teflon Liner - Blue Ø 0.8 - 1.0 mm at 3 m	1 Set		•	•				•	•			•	•
250.16.004.1	Teflon Liner - Red Ø 1.0 - 1.2 mm at 3 m	1 Set		•	•				•	•			•	•
250.16.007.1	Teflon Liner - Yellow Ø 1.4 - 1.6 mm at 3 m	1 Set							•	•			•	•
201.23.002	CO2 Gas Regulator	1 Pcs	•		•									
201.23.003	CO2 Heater 220V Gas Regulator	1 Pcs	•		•			•	•			•	•	
201.23.004	CO2 Fin Type Gas Regulator	1 Pcs	•		•			•	•			•	•	

Item Code	Item Name	MoQ	101.05.001.1	101.05.001.2	101.05.001.3	101.05.001.4	101.05.002.1	101.05.002.2	101.05.002.3	101.05.002.4	101.05.003.1	101.05.003.2	101.05.003.3	101.05.003.4
201.03.001	Feed Roll KM & KMD Ø 35 mm - Steel Ø 0.6 & 0.9 mm	1 Pcs	•	•			•	•						
201.03.002	Feed Roll KM & KMD Ø 35 mm - Steel Ø 0.8 & 1.0 mm	1 Pcs	•	•			•	•						
201.03.003	Feed Roll KM & KMD Ø 35 mm - Steel Ø 1.2 & 1.6 mm	1 Pcs	•				•	•						
201.03.007	Feed Roll KM & KMD Ø 35 mm - Flux Cored Ø 1.2 & 1.6 mm	1 Pcs	•				•	•						
201.03.005	Feed Roll KM & KMD Ø 35 mm - Aluminum Ø 0.8 & 1.0 mm	1 Pcs		•				•	•					
201.03.004	Feed Roll KM & KMD Ø 35 mm - Aluminum Ø 0.6 & 0.9 mm	1 Pcs		•				•	•					
201.03.006	Feed Roll KM & KMD Ø 35 mm - Aluminum Ø 1.2 & 1.6 mm	1 Pcs						•	•					
201.04.001	Feed Roll KMD 502 Ø 38 mm - Steel Ø 1.0 & 1.2 mm	1 Pcs												•
201.04.002	Feed Roll KMD 502 Ø 38 mm - Steel Ø 0.6 & 0.8 mm	1 Pcs												•
201.04.003	Feed Roll KMD 502 Ø 38 mm - Steel Ø 1.6 & 2.4 mm	1 Pcs												•
201.04.005	Feed Roll KMD 502 Ø 38 mm - Aluminum Ø 1.0 & 1.2 mm	1 Pcs											•	•
201.04.006	Feed Roll KMD 502 Ø 38 mm - Aluminum Ø 1.6 & 2.4 mm	1 Pcs											•	•
201.04.007	Feed Roll KMD 502 Ø 38 mm - Flux Cored Ø 1.2 & 1.6 mm	1 Pcs												•

Optional Accessories

201.05.001	Interpass Cable size 70 mm at 10 m - Air Cooled - KMD 502	1 Set												•	•
201.05.002	Interpass Cable size 70 mm at 15 m - Air Cooled - KMD 502	1 Set												•	•
201.05.003	Interpass Cable size 95 mm at 20 m - Air Cooled - KMD 502	1 Set												•	•
201.05.004	Interpass Cable size 50 mm at 10 m - Air Cooled - KMD 352	1 Set					•	•	•						
201.05.005	Interpass Cable size 50 mm at 15 m - Air Cooled - KMD 352	1 Set					•	•	•						
201.05.006	Interpass Cable size 70 mm at 20 m - Air Cooled - KMD 352	1 Set					•	•	•						
201.05.007	Interpass Cable size 50 mm at 10 m - Air Cooled - KMD 285	1 Set	•	•											
201.05.008	Interpass Cable size 50 mm at 15 m - Air Cooled - KMD 285	1 Set	•	•											
201.06.001	Interpass Cable size 70 mm at 10 m - Water Cooled - KMD 502	1 Set												•	•
201.06.002	Interpass Cable size 70 mm at 15 m - Water Cooled - KMD 502	1 Set												•	•
201.06.003	Interpass Cable size 95 mm at 20 m - Water Cooled - KMD 502	1 Set												•	•
201.06.004	Interpass Cable size 50 mm at 10 m - Water Cooled - KMD 352	1 Set							•						
201.06.005	Interpass Cable size 50 mm at 10 m - Water Cooled - KMD 352	1 Set							•						
201.06.006	Interpass Cable size 70 mm at 10 m - Water Cooled - KMD 352	1 Set							•						
201.06.007	Interpass Cable size 50 mm at 10 m - Water Cooled - KMD 285	1 Set			•	•									
201.06.008	Interpass Cable size 50 mm at 15 m - Water Cooled - KMD 285	1 Set			•	•									

General Accessories

201.22.009	Welding Helmet – Solarmatic Blue	1 Set	•	•	•	•	•	•	•	•	•	•	•	•	•
201.22.010	Welding Helmet – Solarmatic Red	1 Set	•	•	•	•	•	•	•	•	•	•	•	•	•
201.22.011	Welding Helmet – Solarmatic Green	1 Set	•	•	•	•	•	•	•	•	•	•	•	•	•
208.18.002	Torch Holder - MIG	1 Pcs	•	•	•	•	•	•	•	•	•	•	•	•	•
315.01.002.1	Metallotion Protec CE 15 L at 20 ltr Package	1 Liter	•	•	•	•	•	•	•	•	•	•	•	•	•
336.01.001	Antispatter Spray - Distac Weld 400 ml - Siliconi	1 Can	•	•	•	•	•	•	•	•	•	•	•	•	•
336.01.002	Antispatter Paste - Pasta Welding 300 gr - Siliconi	1 Can	•	•	•	•	•	•	•	•	•	•	•	•	•
336.01.003	Antispatter Spray - Ceramstack 400 ml - Siliconi	1 Can	•	•	•	•	•	•	•	•	•	•	•	•	•