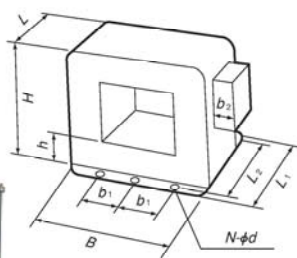


DEMAGNETIZERS

Model KMDT TUNNEL TYPE DEMAGNETIZER



KMDT-10A



[Application]

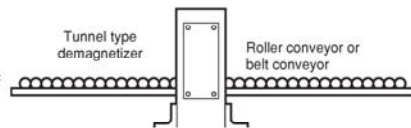
These demagnetizers can meet such demagnetizing needs as passing a bucket containing a large amount of small workpieces and being incorporated in a line for continuous demagnetizing by conveyor transfer. Various sizes are available to meet such requirements. They can also be used to demagnetize long workpieces and irregularly shaped workpieces.

[Features]

- The high heat radiation design enables continuous operation.
- A uniform demagnetizing area can be obtained.
- Almost uniform demagnetization can act on the whole periphery of passing workpieces.

An example of usage

Caution: The conveyor must be made of nonmagnetic stainless steel or plastic.



[mm (in.)]

Model	Power Source	Source Capacity (Current)	Working Rate	Gate		Dimensions										Mass	Applicable Cable 2-core (2RNCT)
				Width	Height	B	L	H	b ₁	N	φd	b ₂	L ₁	L ₂	h		
KMDT-10A	Single-phase 200 VAC, 50/60 Hz	0.46kVA (2.3A)	100% ED	100	80	210	103	205	60	4	9.5 (0.37)	40 (1.57)	153	133	70	15kg/33.3 lb	1.25mm
KMDT-16A		1.6kVA (8A)		160	125	280	144	245	80				12 (0.47)	204 (8.03)	180 (7.08)		
KMDT-25A	Single-phase 220 VAC, 60 Hz	6kVA (25A)		250	200	400	224	350	150	6	14 (0.55)	70 (2.75)	284 (11.1)	260 (10.2)	75 (2.95)	80kg/177 lb	5.5mm
KMDT-40A		11kVA (55A)		400	315	540	304	460	200				384 (15.1)	350 (13.7)	140kg/308 lb		

*The cable and switch are not included. *A different-voltage type (special type) is also available.

Model KMDTR TUNNEL TYPE DEMAGNETIZER

Made to order

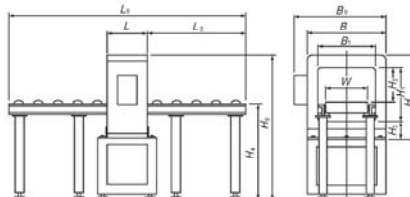


KMDTR-40A

Roller conveyor included

[Application]

This model allows large and heavy workpieces to pass through the demagnetizing area at a nearly constant speed, though manual feed, on a roller conveyor. No extra manpower is required for repeating work, thus enhancing the demagnetizing efficiency.



Roller withstand load

Model	Per Roller
KMDTR-16A	8kg/17.6 lb
KMDTR-25A	8kg/17.6 lb
KMDTR-40A	12kg/26.4 lb

With roller conveyor

Model	Power Source	Source Capacity (Current)	Working Rate	Dimensions													Mass
				Conveyor		Demagnetizer			Major dimensions								
L ₀	W	L	B	H	L ₁	B ₀	B ₁	H ₀	H ₁	H ₂	H ₃	H ₄	H ₅				
KMDTR-16A	Single-phase 200 VAC, 50/60 Hz	1.6kVA (8A)	100% ED	2000	90	144	280	245	928	320	160	720	125	60	60	80kg/176.4 lb	
KMDTR-25A				150	224	400	350	888	470	250	795	200	120	75	135kg/297.6 lb		
KMDTR-40A	305	304		540	460	848	610	400	905	315	235	(2.95)	195kg/429.9 lb				
	(12.0)	(11.9)		(21.2)	(18.1)	(33.4)	(24.0)	(15.7)	(35.6)	(12.4)	(9.25)						

*A different-voltage type (special type) is also available. *The conveyor load capacity varies depending on workpieces. Please contact us.

Model KMDTC TUNNEL TYPE DEMAGNETIZER

Made to order



KMDTC-25A

Belt conveyor included

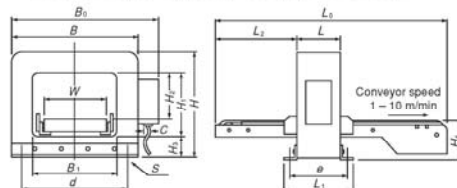
An example of fabrication

Mounting base optional

[Application]

Recommended where a large amount of workpieces such as parts needs to be demagnetized continuously during transfer between processes. Various types can be selected according to the mass and amount of workpieces.

Belt conveyor capacity 10 kg (horizontal)



With belt conveyor

Model	Power Source	Source Capacity (Current)	Working Rate	Motor	Dimensions													Mass				
					Conveyor		Demagnetizer			Major Dimensions												
L ₀	W	L	B	H	L ₁	L ₂	B ₀	B ₁	H ₁	H ₂	H ₃	H ₄	C	d	e	s						
KMDTC-10A	Single-phase 200 VAC, 50/60 Hz	0.46kV (2.3A)	100% ED	25W	800	70	103	210	205	153	200	250	100	80	30	70	120	φ12	120	133	4-φ95(3.74)	25kg/55.1 lb
KMDTC-16A		1.6kVA (8A)			1000	120	144	280	245	204	400	320	160	125	50	60	135	φ16	160	180		
KMDTC-25A	Single-phase 220 VAC, 60 Hz	6kVA (30A)			1500	200	224	400	350	284	500	470	250	200	125	75	150	φ20 (0.78)	150(5.90)	260 (10.2)	6-φ12(0.47)	97kg/213.8 lb
KMDTC-40A		11kVA (55A)			300	304	540	460	384	(19.6)	610	400	315	240	(2.95)	(5.90)	φ26 (1.02)	200(7.87)	350 (13.7)	6-φ14(0.55)	165kg/363.8 lb	

*Depending on workpieces, they may be pulled back in some cases by a demagnetizing force. In such a case, a belt equipped with special scrapers need to be used. Please consult with us in advance. *A different-voltage type (special type) is also available. *The conveyor load capacity varies depending on workpieces. Please contact us.