

Compliance with the current version of Kärcher standard KÄN 050.032 Constituent substances (ban of lead, cadmium, etc.) must be guaranteed. Standard date format according to ISO 8601 (YYYY-MM-DD). The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. Copyright © Alfred Kärcher GmbH & Co. KG

4	3	2	1
KÄRCHER [®] Benennung / description Winnenden KM 70/20 C mit 2.SB KM 70/20 C mit 2.SB		Material-Nr. / material no. 1.517-107.0	

IMPORTANT NOTE
 Data is intended for Kärcher Service only
 and must not be passed on to unauthorised third parties!

Version description		
Gen. appliance specs		
ambient temperature min - max	°C	
Protection type of the machine (IP code)	IP	
Protection class of machine		
Current pickup of the machine with medium load : floor - smooth	a	
Current pickup of the machine with medium Load : floor - medium	a	
Current pickup of the machine with medium Load : floor - rough	a	
Working width		
Working width	mm	480
Working width - with 1 Side brushes	mm	700
Working width - with 2 Side brushes	mm	920
Working width - with 3 Side brushes	mm	
Surface performance		
Theor. surface clean. perform.	m ² /hr	
Theor. surface clean. perform. with 1 side brush	m ² /hr	
Theor. surface clean. perform. with 2 side brush	m ² /hr	
Theor. surface clean. perform. with 3 side brush		
BAT version		
Nominal voltage of the machine	V	
Nominal voltage for each battery cell / Battery block	V	
Number of battery blocks / Battery cells	Piece	

		document	number	type	version	status	sheet	of
		Technical specificatio	5371887	TDA	01	FR	1	10

Datum date	Gezeichnet drawn by	Geprüft checked by	Normgeprüft std. checked by	Änderung / Engineering change		Ersatz für / replaces	
2013-08-27	AW02399	-----	-----	index	Anzahl / count	number	Datum / date

4	3	2	1
---	---	---	---

F

E


D

C

B


A

Compliance with the current version of Kärcher standard KÄN 050.032 Constituent substances (ban of lead, cadmium, etc.) must be guaranteed. Standard date format according to ISO 8601 (YYYY-MM-DD). The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. Copyright © Alfred Kärcher GmbH & Co. KG


4		3		2		1		
 KÄRCHER Winnenden		Benennung / description KM 70/20 C mit 2.SB KM 70/20 C mit 2.SB				Material-Nr. / material no. 1.517-107.0		
BAT version 1								
Part number bat - version 1								
Battery type bat - version 1 (GIS, GIV, PzS, PzV,...)		type						
Battery type - version 1 maintenancefree (1) low maintenance (2)		(1) / (2)						
Battery capacity - bat Version 1		Ah						
Weight (basic equipment)		kg						
Adjusting the deep discharge protection (measured with Volt. regulat. or deep disch. protection) bat version 1		V						
Charger reset voltage Bat version 1		V						
Load cycles with medium Load bat version 1		Cycles						
Life span of battery Version 1 with medium Loading		H						
Battery runtime (Bat ver. 1) w/the follow. floors: Floor - smooth		Min						
Battery runtime (Bat ver. 1) w/the follow. floors: Floor - medium		Min						
Battery runtime (Bat ver. 1) w/the follow. floors: Floor - rough		Min						
BAT version 2								
Part number bat - version 2								
Battery type bat - version 2 (GIS, GIV, PzS, PzV,...)		type						
Battery type - version 2 maintenancefree (1) low maintenance (2)		(1) / (2)						
Battery capacity - bat Version 2		Ah						
Battery shut-off voltage (measured at the battery) Bat version 2		V						
Adjusting the deep discharge		V						
		document		number	type	version	status	
		Technical specificatio		5371887	TDA	01	FR	
							sheet	
							2	
							of	
							10	
Datum date	Gezeichnet drawn by	Geprüft checked by	Normgeprüft std. checked by	Änderung / Engineering change			Ersatz für / replaces	
				index	Anzahl / count	number	Datum / date	index
2013-08-27	AW02399	-----	-----					
4		3		2		1		

F
E
D
C
B
A

Compliance with the current version of Kärcher standard KÄN 050.032 Constituent substances (ban of lead, cadmium, etc.) must be guaranteed. Standard date format according to ISO 8601 (YYYY-MM-DD). The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. Copyright © Alfred Kärcher GmbH & Co. KG


4				3			2			1		
 KÄRCHER ®			Benennung / description						Material-Nr. / material no.			
Winnenden			KM 70/20 C mit 2.SB KM 70/20 C mit 2.SB						1.517-107.0			
protection (measured with Volt. regulat. or deep disch. protection) bat version 2												
Charger reset voltage Bat version 2			V									
Load cycles with medium Load bat version 2			Cycles									
Life span of battery Version 2 with medium Loading			H									
Battery runtime (Bat ver. 2) w/the follow. floors: Floor - smooth			Min									
Battery runtime (Bat ver. 2) w/the follow. floors: Floor - medium			Min									
Battery runtime (Bat ver. 2) w/the follow. floors: Floor - rough			Min									
Max. battery size (dimensions												
Length			mm									
Width			mm									
Height			mm									
Length battery tray			mm									
Width battery tray			mm									
Height battery tray			mm									
Charger version 1												
Charger version 1, Part number												
Charger version 1, Supply voltage / phases			V / PH									
Charger version 1, Output voltage			V									
Charger version 1, Outp. curr. (load curr.) max.			a									
Charger version 1, ID line as per DIN 41772 (e.g. IUIa)												
Charger version 1, Energy consumption for a full battery load			kwh									
document			number			type	version	status	sheet	of	A	
Technical specificatio			5371887			TDA	01	FR	3	10		
Datum date	Gezeichnet drawn by	Geprüft checked by	Normgeprüft std. checked by	Änderung / Engineering change index Anzahl / count			Ersatz für / replaces Datum / date			index		
2013-08-27	AW02399	-----	-----									
4			3			2			1			

Compliance with the current version of Kärcher standard KÄN 050.032 Constituent substances (ban of lead, cadmium, etc.) must be guaranteed. Standard date format according to ISO 8601 (YYYY-MM-DD).
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4		3		2			1		
 KÄRCHER Winnenden		Benennung / description KM 70/20 C mit 2.SB KM 70/20 C mit 2.SB					Material-Nr. / material no. 1.517-107.0		
Charger version 1, perm. voltage tolerance		V							
Voltage min									
Voltage max									
Charger version 1, Frequency		Hz							
Charger version 1, perm. humidity		%							
Charger version 1, perm. ambient temperature		°C							
Charger version 1, Protection type (IP code)		IP							
Charger version 1, Protection class									
Drive system									
Drive speed, forward, max.		km/h							
Drive speed, reverse, max.		km/h							
Working speed (recommended)		km/h							
Drive motor current pickup Idle mode		A							
Drive motor, current pickup max inclination		A							
Drive motor, overload prot		A							
Power Input of the drive motor (medium)		W							
Wheel hub motor, hyd. oil Type		type							
Wheel hub motor, hyd. oil Qty.		l							
Hydrostatic gear, oil volume		l							
Hydrostatic gear, oil type		type							
Electromagnetic brake (mounted), adjustment value		mm							
Electromagnetic brake (unmounted), adjustment value		mm							
Parking brake - which incline permit. f. perm. total weight		%							
document				number	type	version	status	sheet	of
Technical specificatio				5371887	TDA	01	FR	4	10
Datum date	Gezeichnet drawn by	Geprüft checked by	Normgeprüft std. checked by	Änderung / Engineering change			Ersatz für / replaces		
2013-08-27	AW02399	-----	-----	index	Anzahl / count	number	Datum / date	index	
4		3		2			1		


F
 E
 D
 C
 B
 A

Compliance with the current version of Kärcher standard KÄN 050.032 Constituent substances (ban of lead, cadmium, etc.) must be guaranteed. Standard date format according to ISO 8601 (YYYY-MM-DD). The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. Copyright © Alfred Kärcher GmbH & Co. KG

4		3		2		1	
 KÄRCHER Winnenden		Benennung / description KM 70/20 C mit 2.SB KM 70/20 C mit 2.SB				Material-Nr. / material no. 1.517-107.0	
Climbing capability, max.		%					
Drive wheels							
Front wheel - wheel type complete rubber (1) air tyres (2)		(1) / (2)					
Front wheel - tyre name							
Front wheel - air pressure		bar					
Rear wheel - wheel type complete rubber (1) air tyres (2)		(1) / (2)					
Rear wheel - tyre name							
Rear wheel - diameter		mm					
Rear wheel - air pressure		bar					
torque wheel nuts front		Nm					
torque wheel nuts rear		Nm					
Water system							
Water pump, current pickup		a					
Performance pickup of the Water pump		W					
Water pump, flow rate		l/min					
Working pressure		bar					
Sv. wt. consum. suc. mth noz.		l/min					
Water consumption side brush		l/min					
Max. water temperature		C					
Content of fresh water tank		L					
Min. usage time with one fresh water tank fill		Min					
Sweeping unit							
Sweep principle (dustpan / overthrow / ...)		type					
Sweep rollers, operating speed		rpm					
Sweeping brushes - intake fixed (1) suspended (2)		(1) / (2)					
Sweeping rollers - lift/lower (lever, winch, neg. press. lifting motor,...)		type					
		document		number		type	
		Technical specificatio		5371887		TDA	
				version		status	
				01		FR	
				sheet		of	
				5		10	
Datum date		Gezeichnet drawn by		Geprüft checked by		Normgeprüft std. checked by	
2013-08-27		AW02399		-----		-----	
				Änderung / Engineering change index		Ersatz für / replaces Datum / date	
				Anzahl / count		index	
4		3		2		1	

F
E
D
C
B
A

Compliance with the current version of Kärcher standard KÄN 050.032 Constituent substances (ban of lead, cadmium, etc.) must be guaranteed. Standard date format according to ISO 8601 (YYYY-MM-DD). The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. Copyright © Alfred Kärcher GmbH & Co. KG

4		3		2		1	
 KÄRCHER Winnenden		Benennung / description KM 70/20 C mit 2.SB KM 70/20 C mit 2.SB				Material-Nr. / material no. 1.517-107.0	
Sweeping mirror adjustment - Standard sweep roller		mm		45-65			
Sweeping mirror adjustment - Hard sweeping roller		mm		45-65			
Sweeping mirror adjustment - Soft sweeping roller		mm		45-65			
Adjustment height rubber lip		mm		0-3			
following distance of litter flapgate		mm					
Standard sweep roller -Diameter		mm					
Standard sweep roller - Length		mm					
Standard sweep roller -bristle length		mm					
Standard sweep roller -bristle length wear-out length		mm					
Standard sweep roller -Bristle material							
Hard sweeping roller -Bristle material							
Soft sweeping roller -Bristle material							
Standard sweep roller - Medium usage duration		Std.					
Hard sweeping roller - Medium usage duration		Std.					
Soft sweeping roller - Medium usage duration		Std.					
Side brushes							
Side brush, operating speed		rpm					
Side brush, current pickup		A					
Side brushes - intake fixed (1) suspended (2)		(1) / (2)					
Side brushes - lift/Lowering (lever, winch, Neg. pressure, lift motor)		type					
Side brushes - drive (V-belt / drive motor ...)		type					
		document		number		type	
		Technical specificatio		5371887		TDA 01 FR	
				version		status	
				6		10	
Datum date		Gezeichnet drawn by		Geprüft checked by		Normgeprüft std. checked by	
2013-08-27		AW02399		-----		-----	
				Änderung / Engineering change		Ersatz für / replaces	
				index Anzahl / count		number Datum / date	
4		3		2		1	

F
E
D
C
B
A

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4	3	2	1																																																																				
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Sweeping mirror adjustment - Standard side brushes</td><td>mm</td><td></td></tr> <tr><td>Sweeping mirror adjustment - Hard side brushes</td><td>mm</td><td></td></tr> <tr><td>Sweeping mirror adjustment - Soft side brushes</td><td>mm</td><td></td></tr> <tr><td>Standard side brushes -Diameter</td><td>mm</td><td></td></tr> <tr><td>Hard side brushes -Diameter</td><td>mm</td><td></td></tr> <tr><td>Soft side brushes -Diameter</td><td>mm</td><td></td></tr> <tr><td>Standard side brushes - Medium usage duration</td><td>Std.</td><td></td></tr> <tr><td>Hard side brushes - Medium usage duration</td><td>Std.</td><td></td></tr> <tr><td>Soft side brushes - Medium usage duration</td><td>Std.</td><td></td></tr> <tr><td>Dirt receptacle</td><td></td><td></td></tr> <tr><td>Dirt receptacle, volume (gross, net)</td><td>l</td><td></td></tr> <tr><td>Dirt container max. volume (gross)</td><td>l</td><td></td></tr> <tr><td>Dirt container, fill volume (net)</td><td>l</td><td></td></tr> <tr><td>Dirt receptacle, max. lift weight/fill wght</td><td>kg</td><td></td></tr> <tr><td>Dirt receptacle, Emptying height max.</td><td>cm</td><td></td></tr> <tr><td>Filter system</td><td></td><td></td></tr> <tr><td>Filter type</td><td></td><td></td></tr> <tr><td>material</td><td></td><td></td></tr> <tr><td>Cartridges / flat fold filter Usage category (Dust class)</td><td></td><td></td></tr> <tr><td>Cartridges / flat fold filter - Filter area</td><td>m²</td><td></td></tr> <tr><td>Filter motor current pickup</td><td>a</td><td></td></tr> <tr><td>Filter cleaning, trail time</td><td>sec.</td><td></td></tr> <tr><td>Filter cleaning, intrusion</td><td>mm</td><td></td></tr> </table>			Sweeping mirror adjustment - Standard side brushes	mm		Sweeping mirror adjustment - Hard side brushes	mm		Sweeping mirror adjustment - Soft side brushes	mm		Standard side brushes -Diameter	mm		Hard side brushes -Diameter	mm		Soft side brushes -Diameter	mm		Standard side brushes - Medium usage duration	Std.		Hard side brushes - Medium usage duration	Std.		Soft side brushes - Medium usage duration	Std.		Dirt receptacle			Dirt receptacle, volume (gross, net)	l		Dirt container max. volume (gross)	l		Dirt container, fill volume (net)	l		Dirt receptacle, max. lift weight/fill wght	kg		Dirt receptacle, Emptying height max.	cm		Filter system			Filter type			material			Cartridges / flat fold filter Usage category (Dust class)			Cartridges / flat fold filter - Filter area	m ²		Filter motor current pickup	a		Filter cleaning, trail time	sec.		Filter cleaning, intrusion	mm
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		document	number	type	version	status	sheet	of																																																															
		Technical specificatio	5371887	TDA	01	FR	7	10																																																															
Datum date	Gezeichnet drawn by	Geprüft checked by	Änderung / Engineering change index Anzahl / count			Ersatz für / replaces Datum / date																																																																	
2013-08-27	AW02399	-----	-----																																																																				
4	3	2	1																																																																				

F

E

D

C

B

A

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4	3	2	1
KÄRCHER [®] Winnenden	Benennung / description KM 70/20 C mit 2.SB KM 70/20 C mit 2.SB		Material-Nr. / material no. 1.517-107.0
depth, scraper			
Hydraulic system			
Safety valve Opening pressure	bar		
Nominal pressure	bar		
Nominal pressure - sidebroom	bar		
Nominal pressure - sweeper roller	bar		
Nominal pressure - dirt receptance	bar		
Nominal pressure - tractionmotor	bar		
Maximum pressure	bar		
Hydraulic system, oil volume	l		
Hydraulic system, oil type	type		
Pneumatic system			
Underpressure total	mbar		
Underpressure pressurecartridg	mbar		
Data combustion motor			
Consumption: Fuel / diesel/ Gas	l/h		
Compression pressure (inactive decompression)	bar		
Compression pressure (active decompression), at 600 rpm	bar		
Carburetor, main nozzle	Size		
Dry run speed	rpm		
Operating speed	rpm		
Combustion motor, oil volume	l		
Combustion motor, oil type	type		
Internal combustion engine, exhaust value CO ² (LPG only)	%		
Motor type			
Motor manufacturer			
document Technical specificatio		number 5371887	type TDA
		version 01	status FR
		sheet 8	of 10
Datum date	Gezeichnet drawn by	Geprüft checked by	Normgeprüft std. checked by
Änderung / Engineering change			
		index	Anzahl / count
		number	Ersatz für / replaces
			Datum / date
			index
4	3	2	1

F
E
D
C
B
A

Compliance with the current version of Kärcher standard KÄN 050.032 Constituent substances (ban of lead, cadmium, etc.) must be guaranteed. Standard date format according to ISO 8601 (YYYY-MM-DD). The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. Copyright © Alfred Kärcher GmbH & Co. KG

4	3	2	1
KÄRCHER ® Winnenden		Benennung / description KM 70/20 C mit 2.SB KM 70/20 C mit 2.SB	
		Material-Nr. / material no. 1.517-107.0	
F			
E			
D			
C			
B			
A			
Cylinder capacity Motor power Cooling type Cooling water volume Type of fuel Tank volume Fill vol. R 134a air cond. Emissions - exhaust values CO HC CO2 O2 Emissions classification Emissions - vibrations: Affect Device vibration, feet Device vibration, seat Device vibration, upper extremities Emission sound pressure level Sound level with silcencer Sound level without silcencer Machine dimensions Length (basic equipment) Height (basic equipment) Width with 1 side brush Width with 2 side brush Height (incl. prot. canopy) Height (incl. beacon lamp) Height (incl. prot. canopy + beacon lamp) Height (inc. weath. prot. cab)		ccm kW l l ml % vol ppm vol % vol % vol m/s ² m/s ² m/s ² dB(A) dB(A) mm mm mm mm mm mm	
		document Technical specificatio	
		number 5371887	
		type TDA	
		version 01	
		status FR	
		sheet 9	
		of 10	
Datum date 2013-08-27		Gezeichnet drawn by AW02399	
Geprüft checked by -----		Normgeprüft std. checked by -----	
		Änderung / Engineering change index Anzahl / count	
		status number	
		Ersatz für / replaces Datum / date	
		index	
4	3	2	1

