



Industrial Cleaning Machines and Electric Vehicles

Clean Technology for the World



www.dassglobal.com.tr



Who Are We

We set out in 1990 with the vision of producing industrial cleaning machines and selling them to the world. Today, we are an engineering company that exports to 76 countries in the industrial cleaning machines, electric vehicles, street sweeping vehicles, automatic carpet washing facilities, robotic and self-service car washing machines sector and offers new technologies to the sectors it manufactures.

In this adventure that we started with a 15% local content rate, we continue to develop with new technologies with the confidence of reaching a local content rate of close to 85%.

Our company continues to offer developing technologies to our country and the sector with our golf cars, electric vehicles with traffic permits, R&D and technology investments.

REFERENCES



Our strongest reference is the satisfaction of all our customers who have chosen us throughout our 35-year journey, which we cannot fit into this list. We thank them all.

65+

Export to the Country

10.000+

Happy Customer

35+

Years of Experience

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Concentrated Detergents

The manufacturer reserves the right to change the technical specifications and designs of all products.

In areas ranging from 50 square meters to 3,000 square meters, each business can choose a model suitable for their square meters with our cable and battery-powered floor cleaning machines.



MODEL	GAMA 32E	GAMA 32B	GAMA 38E	GAMA 38B	GAMA 43E	GAMA 43B	GAMA 50E	GAMA 50B	GAMA 50BD
VOLTAGE (V/Hz)	220 / 50	24	220 / 50	24	220 / 50	24	220 / 50	24	24
MOTOR TYPE	AC	DC	AC	DC	AC	DC	AC	DC	DC
BRUSH MOTOR POWER (W)	550	400	550	400	550	400	1100	400	400
VACUUM MOTOR POWER (W)	1200	400	1200	600	1200	600	1200	600	600
TOTAL POWER (W)	1750	550	1750	1000	1200	1000	2300	1000	1250
BRUSH DIAMETER (MM)	320	320	430	430	430	430	500	500	500
BRUSH MOTOR SPEED (RPM)	2800	3000	2800	3000	2800	3000	2800	3000	3000
BRUSH SPEED (RPM)	170	170	170	170	170	170	180	170	170
NUMBER OF BRUSHES / PAD HOLDER	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
BATTERY (V/A)	*	12 / 40	*	12 / 75	*	12 / 100	*	12 / 100	12 / 100
VACUUM HOSE INNER DIAMETER	ø 25	ø 25	ø 38	ø 38	ø 38	ø 38	ø 38	ø 38	ø 38
CHARGING TIME (Hour)	*	8-10	*	8-10	*	8-10	*	8-10	8-10
CLEANING WIDTH (MM)	400	400	850	850	850	850	850	850	850
CLEAN WATER TANK (L)	8	8	20	20	38	38	61	61	61
DIRTY WATER TANK (L)	6	6	38	38	42	42	65	65	65
WEIGHT (KG)	42	52	54	80	60	150	67	225	230

Accessories



Floor Cleaning Brush



Pad Holder Brush



Vacuum Device



10m Cable



Charger

Consumables



Cleaning Solution



Floor Washing Pads



GAMA 32E / 32B



GAMA 38E / 38B



GAMA 43E / 43B



50E / 50B / 50BD

It is used to clean areas from 3,000 square meters to 10,000 square meters. Models with different pressure forces can be selected depending on the dirtiness of the floor. Sweeper floor washing machine series: ORIENT, heavy duty series: ALFA and general duty series: COMBI



MODEL	ORIENT SC70	ORIENT SC110	ALFA SC195	COMBI SWC195
TOTAL POWER (W)	1350	1350	3.300	3.400
VACUUM MOTOR POWER (W)	400	400	2 x 400	600
BRUSH MOTOR POWER (W)	550	550	1100	1300
MOVING MOTOR POWER (W)	400	400	400	1500
VOLTAGE (VDC)	24	24	48	48
BRUSH NUMBER	2	2	2	2
BRUSH DIAMETER (MM)	ø 320	ø 380	ø 500	ø 500
DIMENSION (MM)	1200 x 600 x 1400	1900 x 860 x 1650	970 x 1600 x 1450	1230 x 1950 x 1530
MAX. WORKING CAPACITY (M ² /HOUR)	3800	4080	6000	10000
CLEAN WATER TANK (L)	70	100	195	260
DIRTY WATER TANK (L)	50	120	200	270

Accessories



Floor Cleaning Brush



Pad Holder Brush



Vacuum Device

Consumables
Detergent Recommendation: Cleaning solution it has the feature of breaking down heavy oil and dirt accumulated on the floor.



ORIENT SC 70



ORIENTSC 110



ALFA SC 195- COMBI SCW 195

Meet the professional vacuum cleaners with hepa filter, dry type economic vacuum cleaners in small areas. Our Jumbo and Royal series in industrial type vacuum cleaners, with high vacuum power, shaped according to the type of dust and the conditions of the work area, are your greatest assistants in your work. Carpet beater mosque vacuum cleaner provides cleaning close to washing on thick and wide carpets.



MODEL	ECO 21	D181-S	JUMBO WD1	JUMBO WD2	JUMBO WD3	ROYAL WD2	ROYAL WD3	LVC 40	LVC 60
VOLTAGE - Fr (V/HZ)	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50
MODEL	Dry	Dry	Wet-Dry	Wet-Dry	Wet-Dry	Wet-Dry	Wet-Dry	Dry	Dry
VACUUM MOTOR POWER (W)	Min: 1200 Max: 1600	Min: 1200 Max: 1600	Min: 1200 Max: 1600	Min: 1200*2 Max: 1600*2	Min: 1200*3 Max: 1600*3	Min: 1200*2 Max: 1600*2	Min: 1200*3 Max: 1600*3	Min: 1200 Max: 1600	Min: 1200 Max: 1600
BOILER TYPE	PLASTIC	METAL	AISI - 304 KROM	AISI - 304 KROM	AISI - 304 KROM	AISI - 304 KROM	AISI - 304 KROM	STANDART	STANDART
CHAMBER (LT)	11	16	50	60	75	80	80	5 / 40 cm Brush	5 / 60 cm Brush
WEIGHT (KG)	5	7	21	25	30	34	36	49	51
DIMENSIONS (CM) WxLxH	35x35x40	33x40x40	45x45x70	70x90x110	70x90x110	60x65x105	60x65x105	90x50x94	90x74x94

Accessories



Brushed Carpet Apparatus



Hard Floor Apparatus



Rubber Suction Apparatus



Edge Corner Apparatus



Dust Filter



Extension Apparatus



2.5 m. Hose

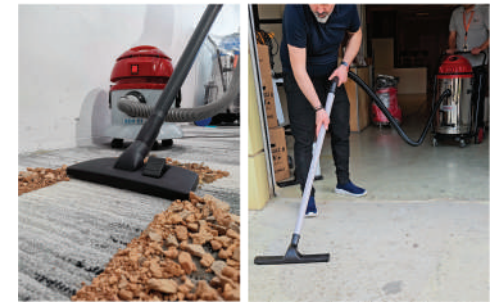
Optional Materials



67 cm Dust Bag



Roller Brush



D 181-S



ECO 21



JUMBO WD3



ROYAL WD3



LVC 40

The ultimate point in vacuum with industrial vacuum machines that can work without interruption. Your solution partner with turbine fan suction unit, cyclone filter, textile and carbon filter options. Inox body models suitable for liquid suction, with intermediate boiler option for very fine dust, definite and permanent solutions for the need.



MODEL	IVS 2.2	IVS 3.0	IVS 4.0	IVS 5.5	IVS 7.5	IVS 11	IVS 15	IVS 2.2X	IVS3.0X	IVS4.0X	IVS5.5X
VOLTAGE (V)	220 / 380	220 / 380	400	400	400	400	400	220 / 380	220 / 380	380	380
IP PROTECTION CLASS	55	55	55	55	55	55	55	55	55	55	55
ISOLATION CLASS	F	F	F	F	F	F	F	F	F	F	F
MOTOR TYPE	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
CHAMBER CAPACITY (LT)	80	80	80	80	80	80	80	80	80	80	80
MOTOR POWER (KW)	2,2	3	4	5,5	7,5	11	15	2,2	3	4	5,5
BOILER TYPE	ELECTROSTATIC BOILER	ELECTROSTATIC BOILER	ELECTROSTATIC BOILER	ELECTROSTATIC BOILER	ELECTROSTATIC BOILER	ELECTROSTATIC BOILER	ELECTROSTATIC BOILER	AISI - 304 KCHROME STAINLESS	AISI - 304 CHROME STAINLESS	AISI - 304 CHROME STAINLESS	AISI - 304 CHROME STAINLESS
FILTER TYPE	L - CLASS POLYESTER STAR	L - CLASS POLYESTER STAR	L - CLASS POLYESTER STAR	L - CLASS POLYESTER STAR	L - CLASS POLYESTER STAR	L - CLASS POLYESTER STAR	L - CLASS POLYESTER STAR	L-CLASS CAGE FILTER	L-CLASS CAGE FILTER	L-CLASS CAGE FILTER	L-CLASS CAGE FILTER
BOILER HOSE INLET (MM)	25	80	80	80	80	80	80	80	80	80	80
MAIN FILTER VOLUME (CM2)	25.000	25.000	25.000	25.000	25.000	25.000	25.000	5.000	5.000	5.000	5.000

Internal Equipment



Cyclone Filter



Filter Cleaning Arm

Internal Accessory



Aspiration Device
Ø 63



Industrial Pipe
Ø 63



Wire Supported Hose
Ø 63



Star Filter



Wire Supported Hose
Ø 38



Extension Device
Ø 38



Edge Corner Device
Ø 38



Floor Device
Ø 38

Optional Equipment



Cartridge Filter



Intermediate Boiler



IVS 2.2X/ 3.0X/ 4.0X/5.5X



IVS 2.2/ 3.0/ 4.0/ 5.5/ 7.5/ 11/ 15

Meet the high brush speed, long-lasting brush, ergonomic design in carpet washing and washing all kinds of floors that are not affected by water. Fast, easy carpet washing service with DRT 30, the choice of professionals in on-site carpet washing, professional carpet washing experience with DSC 50.



MODEL	DSC42	DSC43	DSC43-D	DSC50
VOLTAGE (V-Hz)	230 - 50	230 - 50	230 - 50	230 - 50
MOTOR POWER (W)	750	1100	1100 x 2	2200
MOTOR SPEED (rpm)	1400	1400	1400 x 2	1400
BRUSH SPEED (min)	150	150	150 x 2	150
BRUSH DIAMETER (cm)	38	42	38 x 2	50
NUMBER OF BRUSHES (Piece)	1	1	2	1
TANK CAPACITY (Lt)	7,5	7,5	7,5	-
CLEANING WIDTH (mm)	380	420	780	500
ELECTRIC CABLE (m)	10	10	10	10
ACCESSORY WEIGHT	3	3,65	6	4,35
WEIGHT (kg)	34	41	75	52
DIMENSIONS (CM) WxLxH	400 x 650 x 1200 mm	480 x 700 x 1200 mm	800 x 850 x 1100 mm	500 x 650 x 1270 mm
BOX DIMENSIONS (mm)	500 x 650 x 1220 mm	500 x 650 x 1220 mm	800 x 1140 x 1200 mm	520 x 670 x 1300 mm

Internal Accessory

Optional Materials



Soft brush



Hard brush



Polish pad holder



For sensitive floors



For durable floors



DSC 42



DSC 43



DSC 50



DRT 30

There is definitely a model suitable for every preference. Definitely meet the ALFA series, which is a highly preferred professional steam, hot, cold water carpet and sofa washing machines with sweeping features. You will encounter advanced technology. Economical, proven in its field, EWD series machines will make your job easier.



MODEL	ROYAL EWD2	ROYAL EWD3	JUMBO EWD2	JUMBO EWD3	AQUA S2	AQUA S6/HC6	AQUA S18/HC18	AQUA HC60
VOLTAGE - Fr (V/Hz)	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50
VACUUM MOTOR POWER (KW)	2x1200	3x1200	2x1200	3x1200	2000	1400	2000	2x1400
BOILER TYPE	AISI - 304 CHROME	AISI - 304 CHROME	AISI - 304 CHROME	AISI - 304 CHROME	ANTICORROSIVE ROTATION	ANTICORROSIVE ROTATION	ANTICORROSIVE ROTATION	ANTICORROSIVE ROTATION
CONTENT	VACUUM MACHINE CARPET WASHER	VACUUM MACHINE CARPET WASHER	VACUUM MACHINE CARPET WASHER	VACUUM MACHINE CARPET WASHER	ONLY STEAM	STEAM VACUUM HOT-COLD WATER	STEAM VACUUM HOT-COLD WATER	HOT WATER VACUUM CLEANER
DIRTY WATER TANK (LT)	80	80	60	75	*	6	18	27
CLEAN WATER TANK (LT)	20	20	20	20	1,5	8	18	30
SUCTION POWER (Mbar)	250	300	250	300	*	1600	1800	4
STEAM SPRAY PRESSURE (BAR)	1	5	1	5	5	6	6	0
WEIGHT (KG)	25	43	28	33	8	15	44	35
DIMENSIONS (CM) WxBxH	60x65x105	60x65x105	51x80x99	51x80x99	27x43x28	46x40x70	68x62x100	60x80x110

*All vacuum cleaner accessories are also provided in addition to the EWD group.

JUMBO EWD Series
Internal Accessories



Triggered Water Washing
Sofa - Carpet Apparatus

AQUA Series
Internal Accessories



Triggerless Steam Washing
Sofa - Carpet Apparatus



JUMBO EWD3



ROYAL EWD3



AQUA S6 / HC6



AQUA S18 / HC18



AQUA HC60

High pressure washing machines from 150 bar to 1000 bar. 15,000 Watt steam washing machines. Special pump motor connection shape for silent and vibration-free long-lasting use. Heavy duty silent car washing machines, inox body ceramic piston, thermal protection equipment.



MODEL	PW 150C	PW 200C	PW 250C	PW 300C	PW 500C	DPW 250C	PW 200H	PW 250H	STEAM 1500
MOTOR POWER (KW)	3	5,5	7,5	11	18	11	5,5	5,5	15
SPRAY PRESSURE (BAR)	150	200	250	300	500	250	200	250	10
HOSE LENGTH (M)	10	10	10	10	15	10	10	10	5
PRODUCT TYPE	COLD	COLD	COLD	COLD	COLD	COLD	HOT-COLD	HOT-COLD	STEAM
MOTOR SPEED (RPM)	1400	1400	1400	1400	1400	1000	1400	1400	*
PUMP WATER FLOW (LT/MIN)	11	14	14	18	21	18	14	15	*
PISTON TYPE	CERAMIC	CERAMIC	CERAMIC	CERAMIC	CERAMIC	CERAMIC	CERAMIC	CERAMIC	*
PUMP SPEED (RPM)	170	170	170	170	170	170	170	170	*
WEIGHT (KG)	62	69	72	125	290	150	125	143	78



Cold Model Interior



Hot-Cold Model Interior



Sandblasting Apparatus



Rotopower Rotary Head

Optional Accessory



PW 200C



PW 250H



STEAM 1500

Self service car wash services end high workmanship with the latest technology robotic arm car wash systems. Add value to your business with coin operated self service car wash equipment, special stainless design, high technical value units. High income with low investment.



AQUA WASHER

MODEL	AQUAWASHER
VOLTAGE	380V - 50/60 Hz
MAX. SYSTEM SIZE (MM) LxHxW	8000 x 3700 x 4500
MAX. VEHICLE SIZE (MM) LxHxW	5900 x 2100 x 2100
TOTAL POWER CONSUMPTION	57 kW
WATER PUMP	33 Kw, 150 Bar, 100 lt/dk
FOAM TANK / NOZZLE NUMBER	500 lt / 5 Open, 3 Closed (Openable)
WATER TANK / WATER NOZZLE NUMBER	1000 lt (Buyer's responsibility) / 14
POLISH TANK	300 lt
FLY-INSECTICIDE	300 lt
PROCESS	3-12 dk
DRYING SYSTEM	4 pcs Fan
CONTROL SYSTEM	Touch screen(PLC) Cont. Automatic + Deltadop 7" HMI
SCANNING SYSTEM	32 khz Ultrasonic Sensor Vehicle
CHASSIS	Steel - Galvanized Profile

*The features offered belong to the Full model. Please contact us for the Basic model.



MODEL	PW 200SS
VOLTAGE - Fr (V/Hz)	220-50/ 380-50
ENGINE POWER (Kw)	5,5 Kw
WATER FLOW (LT/MIN)	15
PRESSURE	200 Bar
ENGINE SPEED (RPM)	1400
DIMENSIONS (CM)	75x75x185
PISTON NUMBER AND TYPE	3 Pcs Ceramic

MODEL	WD2 SS
MOTOR POWER	Double fanned motor X2
BOILER CAPACITY (LT)	60
TIME SETTING	Adjustable working time
FILTER TYPE	Textile filter
HOSE	5m 38cm diameter Industrial type hose
AIR FLOW RATE (LT/MIN)	660
DIMENSIONS (CM)	70 x 70 x 172

MODEL	FOAM 100SS
VOLTAGE - Fr (V/Hz)	220-50
TIME SETTING	Adjustable working time
AIR FLOW RATE (LT/MIN)	6500
SIZE (CM)	70x70x172
TANK CAPACITY (LT)	100

Optional Equipment



Car Wash Fan



PW 200SS



WD 2SS



FOAM 60SS

The best-selling automatic carpet washing machines from Turkey to the world. 4.5 mm. profile, the most modern software system and shaped with user feedback. Our products, which we have perfected with the idea of always doing better, are guaranteed to be used for at least 20 years as they were on the first day.

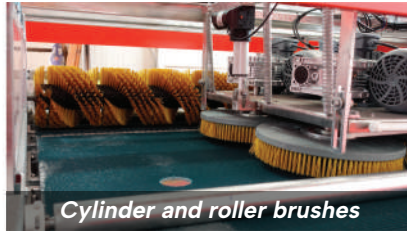


MODEL	EXPERT 2600P	EXPERT 3200P	EXPERT 4200 P	EXPERT 2600M	EXPERT 3200M	EXPERT 4200M	EXPERT 2600B	EXPERT 3200B	EXPERT 4200B
VOLTAGE - Fr (V/Hz)	380 / 50	380 / 50	380 / 50	380 / 50	380 / 50	380 / 50	380 / 50	380 / 50	380 / 50
TOTAL POWER (KW)	17	17	19	10	10	11	10	10	10
CONTROL PANEL	Touch screen	Touch screen	Touch screen	Touch screen	Touch screen	Touch screen	Manuel	Manuel	Manuel
BRUSH (CIRCULAR)	8	8	10	4	4	5	4	4	5
BRUSH (ROLL)	2	2	2	1	1	1	Yok	Yok	Yok
BRUSH SPEED (RPM)	140	140	140	140	140	140	140	140	140
WASHING CAPACITY (M2/Hour)	120-150	170-230	170-230	100-120	120-140	140-160	100-140	100-140	100-140
WASHING WIDTH (CM)	263mm	320	420	263	320	420	260	320	420
RINSE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CARPET ROLL WINDING	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RAPE (SCRAPER)	Yes	Yes	Yes	Yes	Yes	Yes	Optional	Optional	Optional
WIDTH*LENGTH*HEIGHT (CM)	320*230*200	380*230*200	470*230*200	320*230*200	380*230*200	470*230*200	345*85*96	450*100*125	510*110*115

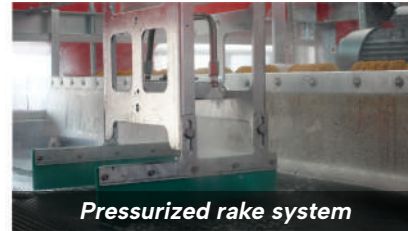
MODEL	EXPERT 2600D	EXPERT 3200D	EXPERT 4200D
VOLTAGE - Fr (V/Hz)	380 / 50	380 / 50	380 / 50
TOTAL POWER (KW)	15	15	16
CONTROL PANEL	Touchscreen	Touchscreen	Touchscreen
BRUSH (CIRCULAR)	4	4	5
BRUSH SPEED (RPM)	140	140	140
WASHING CAPACITY (M2/Hour)	85-112	110-141	140-165
WASHING WIDTH (CM)	263	320	420
WATER CONSUMPTION (L/m2)	24-60	25-50	26-40
WASHING CAPACITY (M2/Hour)	85-112	110-141	140-165
MOTOR RPM (MIN)	1400	1400	1400
INNER DRUM SPEED	1200	1200	1200
INNER DRUM LENGTH (CM)	270	320	420
INNER DRUM DIAMETER (MM)	38	40	40
DRUM MATERIAL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL



Touch control panel



Cylinder and roller brushes



Pressurized rake system



Carpet bottom washing system



EXPERT 2600P

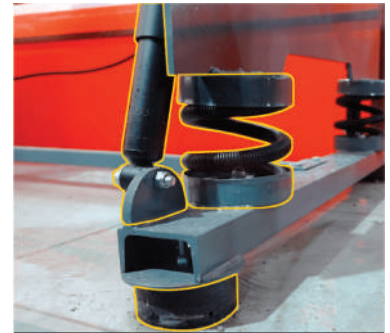


EXPERT 2600D

The most accurate material, the most accurate design, the point we have reached with the most R&D. Strong shock absorber elements, high work safety, energy saving, low amortization cost and 98% dryness in 2 minutes.



MODEL	SANTRO 270T	SANTRO 320T	SANTRO 420T	SANTRO 270A	SANTRO 320A	SANTRO 420A	SANTRO APX KROM
MACHINE FEATURE	Wheeled	Wheeled	Wheeled	With shock absorber	With shock absorber	With shock absorber	With shock absorber
INNER DRUM LENGTH (M)	2,7	3,1	4,2	2,7	3,2	4,2	420
INNER DRUM DIAMETER (MM)	400	400	400	400	400	400	400
MOTOR RPM (MIN)	1400	1400	1400	1400	1400	1400	1400
ROLL RPM (MIN)	1200	1200	1200	1200	1200	1200	1200
MOTOR POWER (kW/Hp)	5,5 / 7,5	5,5 / 7,5	7,5 / 10	5,5 / 7,5	5,5 / 7,5	7,5 / 10	7,5 / 10
VOLTAGE (V-Hz)	380-50	380-50	380-50	380-50	380-50	380-50	380-50
CHROME THICKNESS (MM)	3	3	3	3	3	3	3
WEIGHT (KG)	400	500	500	550	675	800	800
DIMENSION (CM)	110x325x125	110x366x125	120*465*120	110x325x155	110x375x155	110x450x155	110*450*155



3 different shock absorber elements



Time setting roller panel



Kestamid cover



3 cm drum thickness



Forklift wheel



400 mm drum diameter



Santro 270A

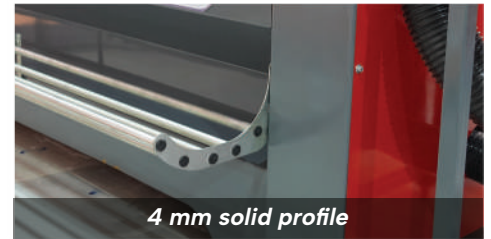


Santro 270T

Manual and bench type carpet beating machines used by integrated carpet washing factories to dust carpets before washing. Carpets that are cleaned of dust become cleaner and softer. The lifespan of carpets washed with dusting increases.



MODEL	DUSTER M	DUSTER 2100	DUSTER 2600	DUSTER 3200	DUSTER 4200
WORKING SYSTEM	Hitter	Hitter / Vacuum	Hitter / Vacuum	Hitter / Vacuum	Hitter / Vacuum
VOLTAGE (V-Hz)	220-50	380	380	380	380
TOTAL POWER (Kw)	1,1	4.05	4.05	5,5	5,5
CARPET CLEANING WIDTH (MM)	800	2100	2600	3200	4200
SUCTION POWER CAPACITY (LT/MIN)	UNAVAILABLE	2800	2800	4000	4000
DUST BAG CAPACITY (LT)	Yok	80	80	80	80
DIMENSIONS (MM)	1200x980x360	1100x2500x1000	110*290*100	1100x3500x1000	1100*4500*1000
WEIGHT (KG)	60	300	400	450	500



DUSTER M



DUSTER 2600

Fast finishing in professional and intensive carpet washing facilities ... It does fluffing, brushing, vacuuming and packaging. The best in the narrow area brushing and vacuuming category. The best system thought with the design supporting the user, turbine fan suction system.



MODEL	DPM 2600	DPM 3200	DPM 4200
BELT SPEED (MT/MIN)	3	3	3
BRUSH SPEED (RPM)	140	140	140
VOLTAGE (V)	3 ~ 380	3 ~ 380	3 ~ 380
BRUSH MOTOR POWER (kW)	2,2	2,2	2,2
VACUUM MOTOR POWER (kW)	3	3	3
BELT WIDTH (MM)	2,574	3,144	4,144
BELT LENGTH (MM)	1360	1360	1360
MAXIMUM CARPET WIDTH (MM)	2600	3200	4200
DUST BAG CAPACITY (LT/MIN)	80	80	80
CLEANING CAPACITY (M2/hour)	130-180	140-192	182-252
DIMENSIONS (MM)	1920*3220*2350	1920*3690*2350	1920*4690*2350



Outdoor sweepers with battery and gasoline options. Robust body, ergonomic design. Reduces labor, speeds up cleaning. Dumped garbage discharge, dust-preventing pulverized irrigation system, vacuum motor that filters dust.



MODEL	DASS SW 150D	DASS SW 300D
TOTAL POWER (W)	2880	4880
VACUUM MOTOR POWER (W)	800	1000
FRONT BRUSH MOTOR POWER (W)	160	160
MIDDLE BRUSH MOTOR POWER (W)	560	560
MOVING MOTOR POWER (W)	1200	3000
MAXIMUM SPEED	0-6 km/h	0-6 km/h
VOLTAGE	24 v	48 v
MOTOR TYPE	DC	DC
DISC BRUSH NUMBER	2	2
DISC BRUSH DIAMETER (MM)	475	475
ROLL BRUSH NUMBER	1	1
ROLL BRUSH DIAMETER (MM)	317	317
ROLL BRUSH LENGTH (MM)	790	1135
FRONT WHEEL DIAMETER (MM)	310	310
CLIMBING CAPACITY (MM)	310	310
WORKING SLOPE (MAX)	%10	%10
MAXIMUM WORKING CAPACITY (MM)	1335	1785
NOMINAL WORKING CAPACITY	7980 m ²	10680 m ²
CLEANING WIDTH (MM)	1335	1785
CLEAN WATER TANK (LT)	25	40
GARBAGE TANK (LT)	150	300



Fogging for dust-free cleaning



Dumped garbage discharge chamber



SW 150D



SW 300D

A street vacuum machine with a walking engine and a rider. Makes it easier to collect garbage in outdoor areas.
The only one in its class with a special AC motorized suction unit that provides permanent cleaning.



MODEL	ELF 11B	ELF 11BB
TANK CAPACITY (LT)	250	250
FUEL TYPE	250	250
ENGINE TYPE	24 V DC	24 V DC
BATTERY TYPE	6V gel battery (24V)	6V gel battery (24V)
ENGINE TYPE	24 V DC*2	24 V DC*2
WORKING HOURS WITH FULL BATTERY (MAX)	7,5	7,5
SPEED (KM/H)	6 Km/h	6 Km/h
BODY MATERIAL	Polyester	Polyester
CHASSIS MATERIAL TYPE	SGD	SGD
VACUUM MOTOR POWER	750 W	750 W
MOVING MOTOR POWER (W)	1200	1200
DIMENSIONS (CM) WxBxH	220*95*160	220*95*160
TOTAL WEIGHT	340 kg	360 kg



ELF 11 BB



ELF 11 B

Experience the technology of the era with diesel, diesel-hybrid and 100% electric options.
 Compact street sweepers with optional air conditioning, mobile hose pressure washing unit.



MODEL	ST500-H	ST750-H	ST1000-H	ST 1500-H	ST 2000-H	ST 2500-H	ST 4000-H
ENGINE	EURO 5	EURO 5	EURO 5	EURO 5	EURO 5	EURO 5	EURO 5
WALK SYSTEM (ELECTRIC)	72V 55 KW	72V 55 KW	72V 60 KW	72V 65 KW	72V 70 KW	72V 70 KW	72V 75 KW
MOTOR	EURO 5	EURO 5	EURO 5	EURO 5	EURO 5	EURO 5	EURO 5
AIR CONDITIONING	yes	yes	yes	yes	yes	yes	yes
3. ROBOTIC ARM	yes	yes	yes	yes	yes	yes	yes
WIDE MOUTH EXTERNAL VACUUM	yes	yes	yes	yes	yes	yes	yes
PRESSURE MACHINE 150 BAR	yes	yes	yes	yes	yes	yes	yes
CLEANING WIDTH (MM)	1500	1500	1750	2000	2250	2500	3000
CLIMBING POWER INCREASE	yes	yes	yes	yes	yes	yes	yes
STEERING	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
CLEAN WATER TANK (LT)	300	300	300	350	400	430	450
NET WEIGHT (KG)	1900	2000	2200	3500	4000	4500	5000



ST 750-H



ST 1000-H

100% electric, garbage truck for narrow streets. Provides clean living spaces. Protects nature. Applying low-cost and clean energy garbage collection to the modern age.



MODEL	GARBAGE TAXI
VEHICLE TYPE	Electric Dumper Garbage Collection Vehicle
NET WEIGHT	2000 kg
FEATURE	Dump Garbage Collection
MAIN ENGINE	Electric
COOLING	Air Cooled
TRAVEL MOTOR	AC
CARRIAGE CAPACITY (KG)	1000
CLIMBING ANGLE	Up to the slope
CLIMBING LOAD	Up to the slope
GARBAGE TANK FEATURE	Hydraulic, Aluminum Body
TANK CAPACITY (M3)	Oca.73
BATTERY CAPACITY (A/V)	250/72
ENGINE	DEUTZ
MOVEMENT ENGINE POWER	49 HP DIESEL MOTOR
ENGINE TYPE	Turbocharged
FUEL TYPE	Diesel
FUEL TANK (L)	60
TRAVEL SYSTEM	Electric hybrid walking
MAXIMUM DRIVING SPEED	25. KM/S
WORKING SPEED	3-18 KM/S
EMPTY WEIGHT (KG)	2000
MAXIMUM LOADED WEIGHT (KG)	3000
GARBAGE TANK CAPACITY	0,75 m ³ ; (hacimsel)
GARBAGE DISCHARGE HEIGHT (MM)	1300
TIPPING ANGLE	85 °
TURNING DIAMETER (MM)	11.000
MACHINE DIMENSIONS L*W*H	4000mm*1280 mm*2200 mm (aynalar hariç)
CABIN	Welded steel construction, sandblasted
FRONT GLASS	Laminated glass, glass wiper, water jet
DRIVERS SEAT	Ergonomic, leather covered, seat belt
AUDITOR SYSTEM	Reverse gear warning system
BRAKE SYSTEM	4 Wheel hydraulic brake, handbrake
LIGHTING SYSTEM	Front headlight, right and left turn light, rear brake light, roof warning light, electric horn, pulverized irrigation system



DASS

GLOBAL

Electric Golf Carts

The biggest helper for businesses in carrying people and cargo, with AC motor and lithium option. Optional color and range option. Strong traction, comfortable use with special suspension.



SERIES	GOLF VEHICLE MODELS					OPEN CARGO BOX GOLF CARS					GOLF CAR MODEL WITH STRETCHER
MODEL	MACRO 2	MACRO 4	MACRO 6	MACRO 8	MACRO 10	BAGi 2K	BAGi 2KK	BAGi 4K	BAGi 4KK	BAGi 6K	BAGi 2A
ENGINE POWER	4kW - 48V AC	4kW - 48V AC	5KW - 72V AC	5KW - 72V AC	5KW - 72V AC	4kW - 48V AC	4kW - 48V AC	4KW - 48V AC	4KW - 48V AC	4KW - 72 V AC	4KW - 48V AC
BATTERY TYPE	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY	GEL BATTERY/ OPT LITHIUM BATTERY
CONTROL UNIT	48V 400A	48V 400A	CURTIS 72V500A	CURTIS 72V500A	CURTIS 72V500A	48V 400A	48 V 400A	48 V 400A	48 V 400A	48 V 400A	48 V 400A
BRAKE SYSTEM (OPS)	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS	ADJUSTABLE MECHANICS
MAXIMUM FORWARD SPEED (KM/H)	21	21	21	21	21	21	21	21	21	21	21
DISTANCE ON FULL CHARGE (KM)	30-40	30-40	30-40	30-40	30-40	30-40	30-40	30-41	30-42	30-43	30-40
STEERING WHEEL CONTROL	MECHANICS	MECHANICS	MECHANICS	MECHANICS	MECHANICS	MECHANICS	MECHANICS	MECHANICS	MECHANICS	MECHANICS	MECHANICS
WHEEL TYPE	18"8.5/5-8	18"8.5/5-8	18"8.5/5-8	18"8.5/5-8	155/80/12R	18"8.5/5-8	18"8.5/5-8	18"8.5/5-9	18"8.5/5-10	18"8.5/5-11	18"8.5/5-8



BAGi 4K



MACRO 6

Type approved electric service vehicles in Turkey's L7 class. We brought a new breath to golf cars with its new design. With doors – without doors, Lithium battery option, this is the latest technology for now.



MODEL	BAGI 2K +	E-MICRON
MOTOR (W/V)	9500 / 72	9500 / 72
BATTERY CAPACITY (Ah/V)	200 / 72	200 / 72
CONTROL UNIT	72V – 400A	72V – 400A
PASSENGER CAPACITY	2	2 / 4
BRAKE SYSTEM	4 HYDRAULIC DISCS	4 HYDRAULIC DISCS
MAX. FORWARD SPEED (KM/HOUR)	20-60	20-60
MAX. HILL GRADIENT (%)	25	25
VEHICLE MAX. SPEED (KM/H)	RECOMMENDED 45 TOP SPEED 90	RECOMMENDED 45 TOP SPEED 90
WHEEL TYPE	145/65 R13 73T	155/65 R13 73T
RANGE (KM)	140	140
CHARGING TIME (GEL BATTERY)	8 – 10 HOUR	8 – 10 HOUR
CYCLE (GEL BATTERY)	600 – 1.000	600 – 1.000
REAR VIEW CAMERA	AVAILABLE	AVAILABLE
SAFETY BELT	3 POINT LAP	3 POINT LAP
TOP LAMP	AVAILABLE	OPTIONAL
TEYP	AVAILABLE	AVAILABLE
LITHIUM BATTERY	OPTIONAL	OPTIONAL



Steel rims



Modern gear design



754 L. luggage volume



Sunroof and large luggage volume



Rear view camera and overhead warning light



BAGI 2K+

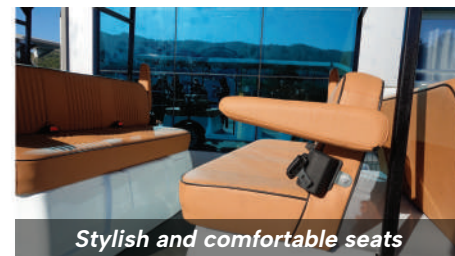


MACRO 4+

MODEL	VABUS 12.75	VABUS 15.75
FEATURES	12-PERSON GOLF CART	15-PERSON GOLF CART
TYPE	BUS	BUS
BATTERY WEIGHT (KG)	400	400
WHEEL DIAMETER	175/65/R14C	175/65/R14C
PASSENGER CAPACITY	11+1 DRIVER	11+1 DRIVER
COLOR OPTIONS	WHITE	WHITE
SEAT COLOR OPTIONS	BLACK-TABA	BLACK-TABA
MAX. LOAD CAPACITY (KG)	1500	1650
ENGINE (kW/V)	9/72 AC	18/72 AC
CONTROL UNIT (V/A)	72/400	72/500
BATTERY (V/A)	12x6/250	12X6/250
CHARGING UNIT	GPS	GPS
SCAFFOLD	IRON	IRON
EXTERIOR MATERIAL	FIBERGLASS	FIBERGLASS
STEERING	ELECTRIC STEERING	ELECTRIC STEERING
BRAKE SYSTEM	HYDROLIC	HYDROLIC
MAX. FORWARD SPEED (KM/H)	25	25
MIN.REVERSE SPEED (KM/H)	15	15
DEGREE OF ROTATION (M)	7	7
CHARGING TIME	6-8H	6-8H
AVERAGE DISTANCE ON FULL CHARGE (KM)	30-40	30-40
AVERAGE RAMP ANGLE	± 20%	± 20%
ENGINE BRAKE (OPTIONAL)	AVAILABLE	AVAILABLE
DIMENSIONS (CM) LxWxH	485-135-205	485-135-205
GROUND BASE HEIGHT	300 MM	300 MM
WHEEL NUMBER	4	4
MIN. GROUND CLEARANCE	210 MM	210 MM



Safe journey



Stylish and comfortable seats



Modern gear unit



Speed and charge indicator



VABUS 15

Children are both safer and happier with battery powered entertainment and educational vehicles.



MODEL	LONDONBUS	FIRE FIGHTING VEHICLE
TYPE OF VEHICLE	17 Child Capacity Electric Golf Vehicle	Mini Electric Fire Truck
PASSENGER CAPACITY	18	10
ENGINE	4kW 48V	4kW 48V
ENGINE OUTPUT POWER	4 Kw	4 Kw
BATTERY	4x12V1150A	4x12V1150A
EXTERIOR MATERIAL	FIBERGLASS	FIBERGLASS
BRAKE SYSTEM	Self-Adjusting, Mechanical System	Self-Adjusting, Mechanical System
SEATS	ARTIFICIAL LEATHER	ARTIFICIAL LEATHER
FORWARD / REVERSE SPEED (KM/H)	20 / 15	20 / 15
TIME FOR FULL CHARGE	6-8 h	6-8 h
AVERAGE DISTANCE ON FULL CHARGE (KM)	30-40	40-50
AVERAGE RAMP ANGLE	12 derece	20 derece
LENGTH/ WIDTH/ HEIGHT (CM)	390/ 124/ 242	380/ 135/ 210



Industrial Products 20 L.



Floor Cleaning Solution

Designed for you to use with peace of mind in floor cleaning machines. It can be used in areas that are difficult to clean and for cleaning all types of floors by stopping excessive foaming. It also adds shine with its polishing feature.



Heavy Duty Floor Cleaner

It meets your expectations at the highest level with its long-lasting effect and permanent scent in cleaning all surfaces in your home and workplace. It can be used effectively in dust accumulated on floors, stuck dirt and post-construction floor cleaning.



Superdass Multi-Purpose Detergent

Designed for you to use with peace of mind in floor cleaning machines. It can be used in areas that are difficult to clean and for cleaning all types of floors by stopping excessive foaming. It also adds shine with its polishing feature.

Carpet Shampoo / Sofa Shampoo 20 L.



Artydass Stain Remover

It is suitable for use in all kinds of textile and surface cleaning (except wood and metal). It is effective on 100 different stains. Unlike household cleaning chemicals, it is formulated in an industrial structure. In this way, it gives successful results on many stains.



Oxidass Stain Remover

It has fragmenting and dividing parts that use the power of oxygen in many stains. It is a special product that performs a harmless separation process in combinations such as tea, coffee stains, fruit juice, water-based paints and nail polish.



Perfume (3 Types)

With the effective formula of our product, the permanence rate is twice as much as perfumes used for other purposes. It will settle into the carpet pile or textile product pores without leaving stains and will undertake the task of aromatizing the environment for a long time.

Car Cleaning Products 20 L.



Car Shampoo (Polished / Brushless)

Car shampoo is effectively used to dissolve dust and dirt by placing it in compressor-powered car foam tanks and spraying it onto the vehicle.



Tire Polish

Our product is a qualified product that works on the basis of polishing rubber surfaces. It should only be used as a final application for polishing rubber surfaces.



Dashboard Cleaner

Can be used by spraying it on a cloth or directly on the dashboard in spray bottles. It is indispensable for car wash companies with its structure that minimizes the costs of car wash companies.



Industrial Cleaning Machines and Electric Vehicles

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