

Z-WRAP MITTER COMBO, Model WC3

*The Stainless Steel Z - Wrap Mitter Combo
and the best Mitter combined in one unit ideal for space savings in tunnels and
clean appearance desired in longer tunnels.*

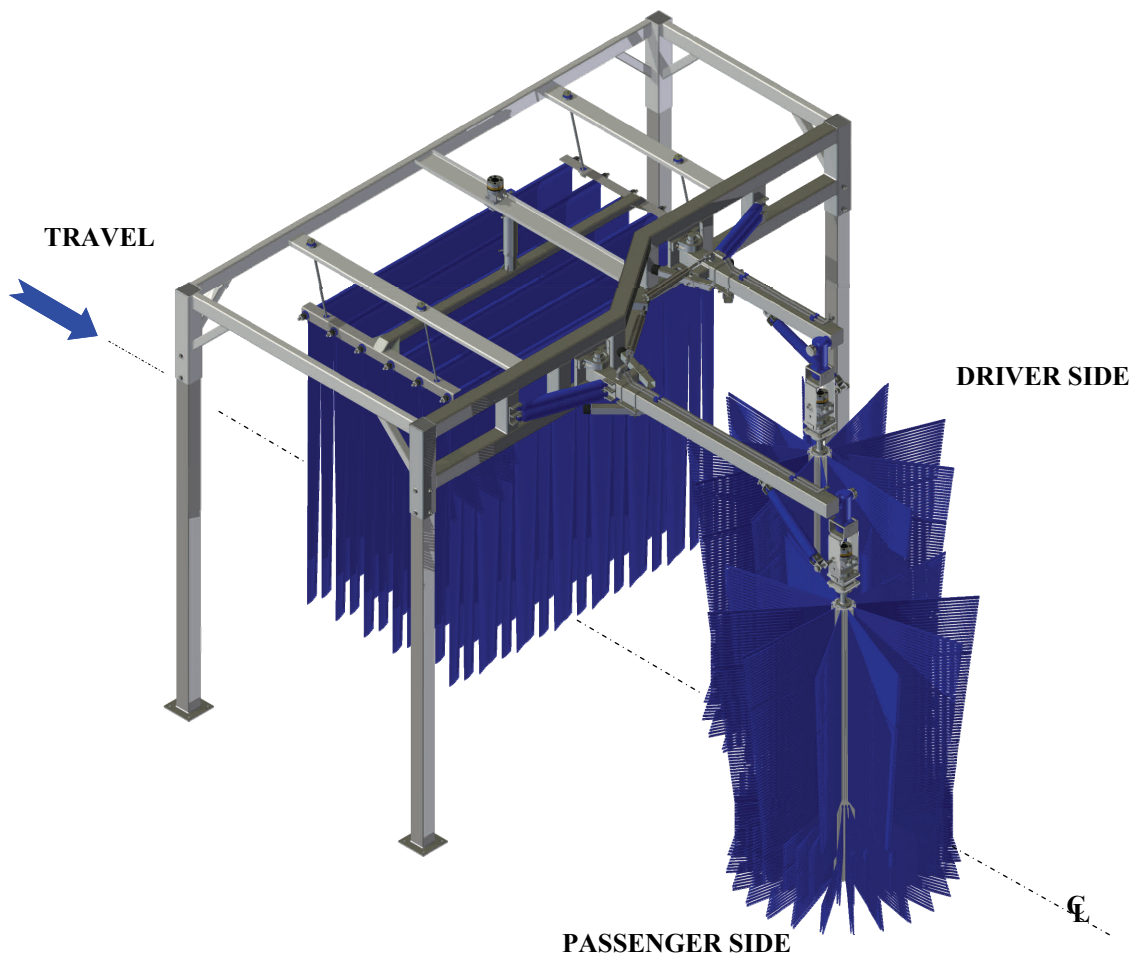
Z-Wrap Around operate gravity. No complicated controls, because of the
Design it can self adjust to most conveyor speed requirements.

Simple design is constructed of heavy grade Stainless steel designed to
rotate reverse of the AVW Wrap Around and to provide constant pressure to the side of vehicles.
Van High brush height is ideal for vans and sport utility vehicles because it cleans the sides
with smooth even pressure.

Compact cleaning (12')
Retract kit is available

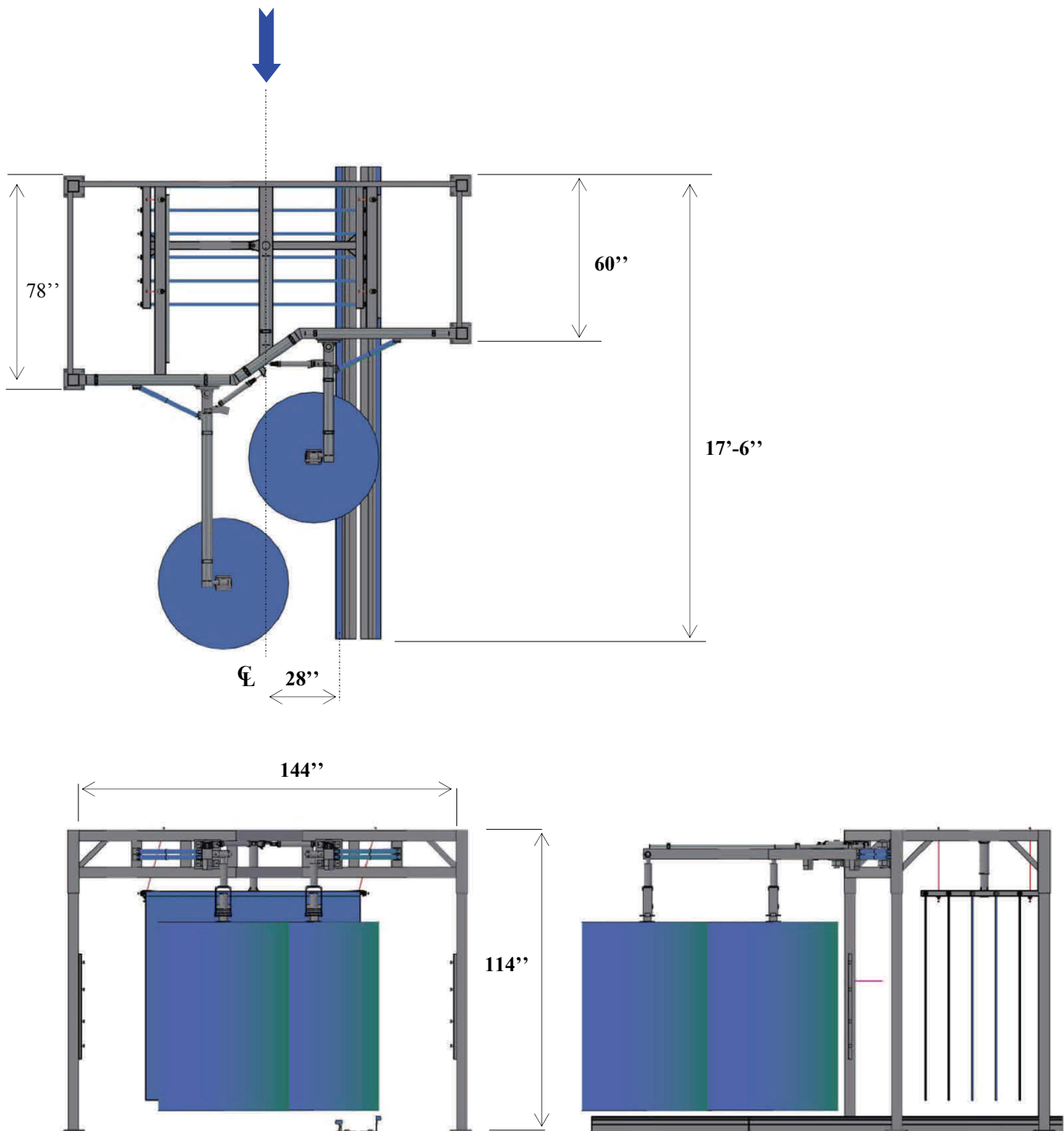
For Wrap Around:
Displacement 11.9cu.in./rev., 60 RPM)
Water:
1/2" NPT Outlet
Equipment Center Line
28" from inside Conveyor Rail

For Mitter:
3.6GPM, 60RPM
Water:
1/2" NPT, 3GPM



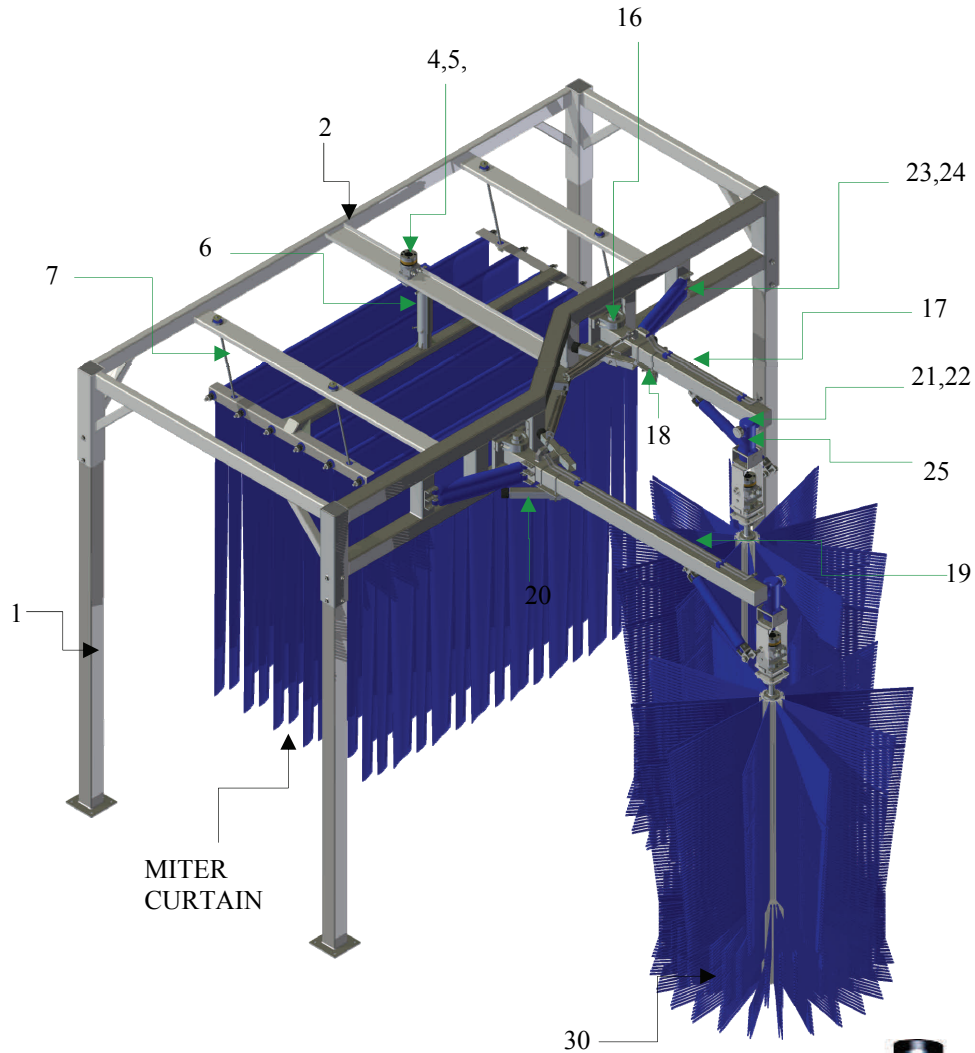
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SPACE REQUIREMENT

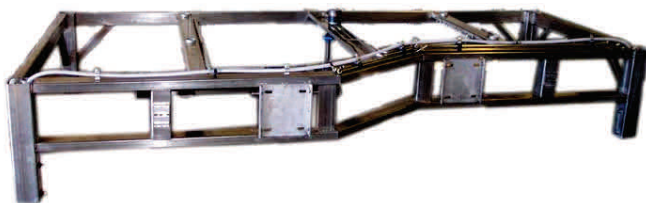


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PARTS:



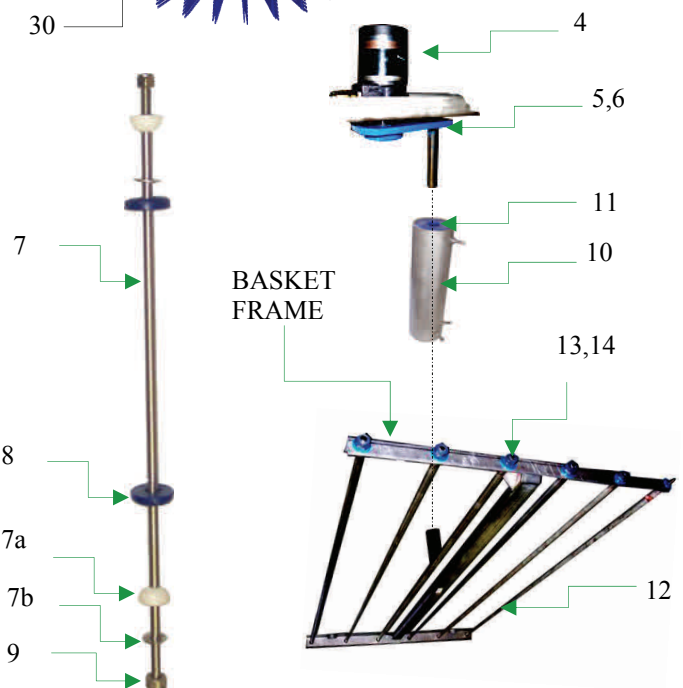
2. WRAP MITTER COMBO – FRAME



4. HYDRAULIC MOTOR



5,6. CAM ARM and SPLIT TAPER BUSHING

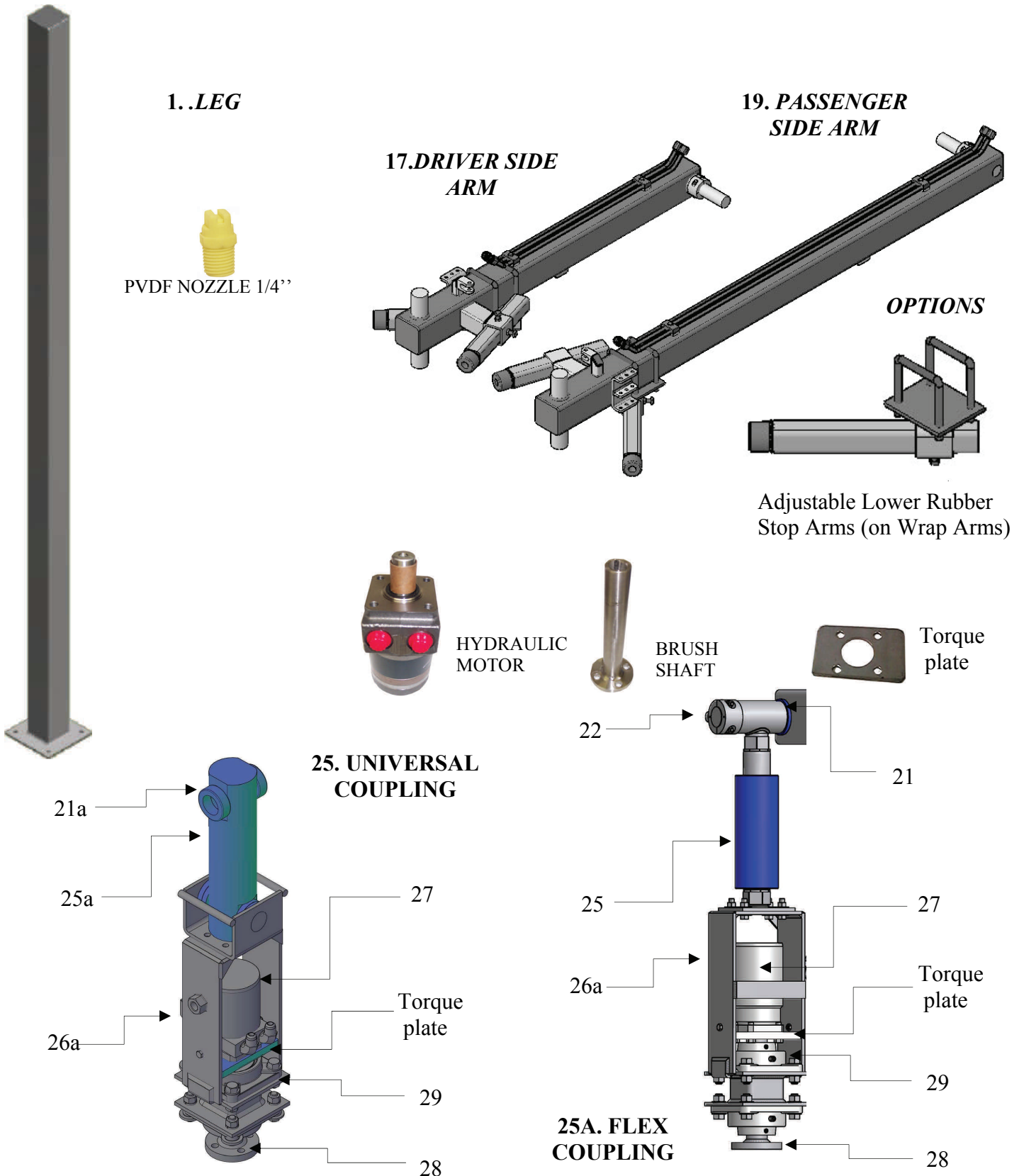


BASKET FRAME

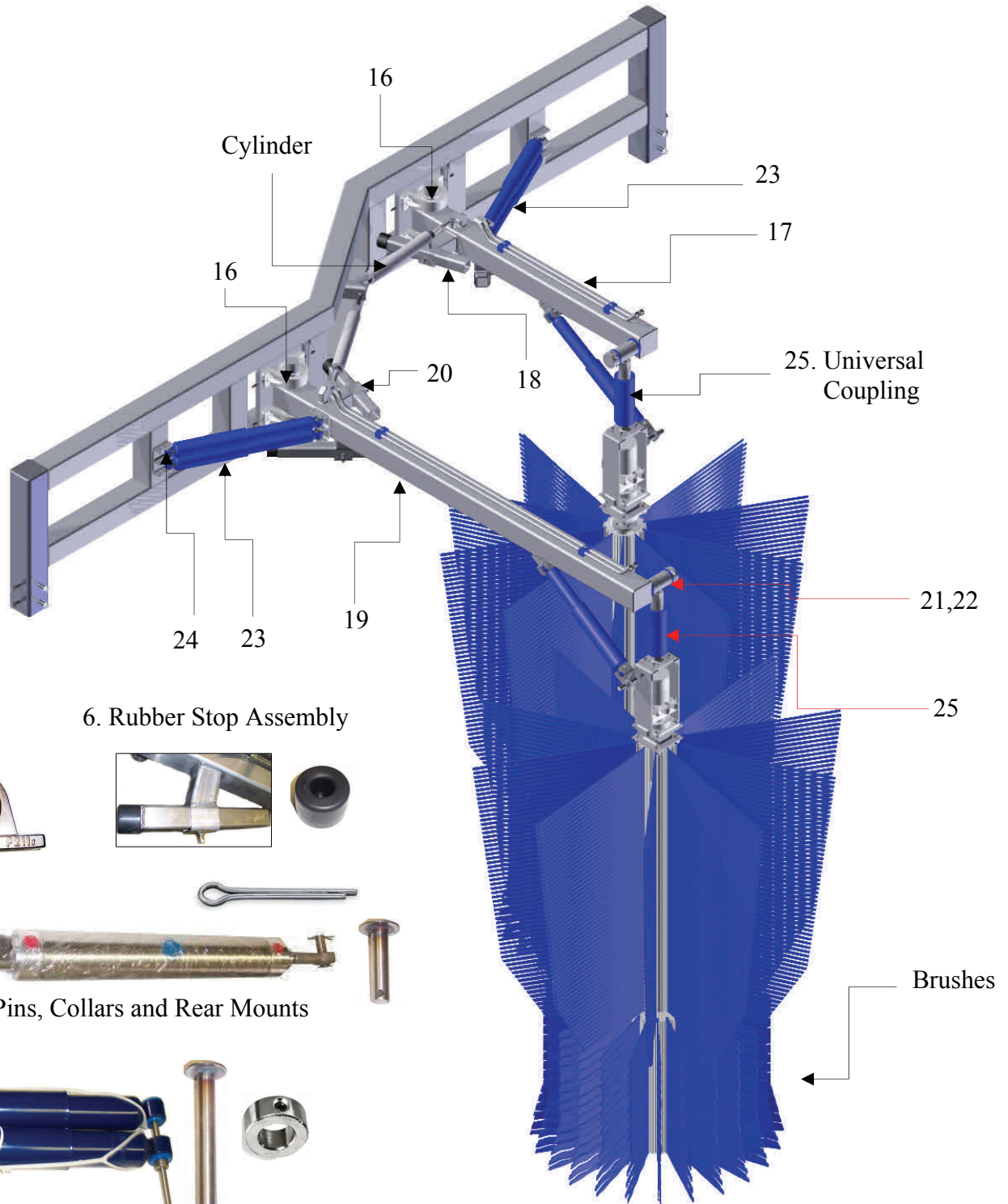


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WRAP AROUND-PARTS



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ITEM	Description	PART No.	QTY.
1	ENTRANCE LEGS	MC1A	2
1.1	EXIT LEGS	WC3A	2
-	FRAME ASSEMBLY	WC3B	1
2	FRAME	WC3BA	1
-	Square Head Screw 1/2"-13x1-1/2"lg(for Sleeves)	SQHS1213150	16
-	Hex Head Cap Screw 3/8"-16x2"lg (fully threaded, for pillow block adjustment)	HHCS3816200F	8
4	BASKET DRIVE ASSEMBLY: Hydraulic Motor, displacement 11.9 [cu.in./rev.]	MC2BB-1104	1
-	Fitting Straight 1/2" NPTM x 1/2" JIC	WA1KM	1
5	Cam Arm w/welded weld-on hub	SAE070102-8-8	2
6	Split Taper bushing P1 1"	MC2BBA-P1-1-0106	1
-	Hex Head Cap Screw 3/8"-16x 3/4" LG. (motor's fastener)	STB-P1X100	1
-	BASKET SUPPORT ROD ASSEMBLY:	HHCS3816075	4
7	Basket support Rod 1/2" x 27" LG.	MC1C	4
8	Basket support Disk UHMW	MC1C1	4
7a	Basket support Halfball	MC1C2	8
7b	Flat Washer 1/2" I.D.x1 1/4" O.D.	MC1C3	8
9	Nylon Lock Nut 1/2"-13	FW12125	8
-	BASKET ASSEMBLY	NLN1213	8
-	Basket Frame 7'	MC2D	1
-	Sleeve Assembly:	MC2DA	1
10	Sleeve	MC1DB	1
11	UHMW Bushing 1" I.D.	MC1DB1	1
-	Square Head Screw 3/8"-16x 3/4" LG.	MC1DB2	1
-	Hex Nut 3/8"-16	SQHS3816075	3
-	CURTAIN ROD ASSEMBLY:	HN3816	3
12	Curtain Rod 88" LG.	MC2DC	6
13	Plastic Spacer 1" I.D.x2" O.D.x 1/4" width	MC2DCA	6
14	Plastic Spacer 7/8" I.D.x1 1/2" O.D.x3/16" width	MC1DC2	12
-	Plastic Hex Nut 3/4"-10	MC1DC1	12
15	CURTAIN (CLOTH)	PLHN3410	24
		MC1E	42



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ITEM	Description	PART No.	QTY.
16	PILLOW BLOCK 2"	WA1WB	4
-	Screw Fastener Set (for Pillow Block):	-	8
-	Hex Head Cap Screw 1/2"-13x2-1/4"lg	HHCS1213225	8
-	Flat Washer 1/2" I.D.x1-1/4" O.D	FW12125	16
-	Split Lock Washer 1/2"	SLW12	8
-	Hex Nut 1/2"-13	HN1213	8
-	DRIVER SIDE ARM ASSEMBLY	WA1D	1
17	DRIVER SIDE ARM 48"Lg	WA1DA	1
18	RUBBER STOP ARM ASSEMBLY	WA1DB	2
-	STOP ARM	WA1DBA	2
-	RUBBER BUMPER	WA1DBB	2
-	SCREW FASTENER SET 3/8"	-	2
-	HEX HEAD CAP SCREW 3/8"-16x1-1/4"lg	HHCS3816125	2
-	FLAT WASHER 3/8" I.D x 7/8" O.D	FW380875	2
-	HEX NUT 3/8"-16	HN3816	2
-	Square Head Screw 1/2"-13x1-1/2"lg(for STOP Adjustment)	SQHS3816075	4
-	PASSENGER SIDE ARM ASSEMBLY	WA1E	1
19	PASSENGER SIDE ARM 76"Lg	WA1EA	1
-	BRACKET for RETRACT KIT (Welded to Arm)	WA1DAD	1
20	RUBBER STOP ARM ASSEMBLY:	WA1DB	2
-	STOP ARM	WA1DBA	2
-	RUBBER BUMPER	WA1DBB	2
-	SCREW FASTENER SET 3/8"	-	2
-	HEX HEAD CAP SCREW 3/8"-16x1-1/4"lg	HHCS3816125	2
-	FLAT WASHER 3/8" I.D x 7/8" O.D	FW380875	2
-	HEX NUT 3/8"-16	HN3816	2
-	Square Head Screw 1/2"-13x1-1/2"lg(for STOP Adjustment)	SQHS3816075	4
21	PLASTIC SPACER	WA11	2
21A	PLASTIC SPACER (for UNIVERSAL COUPLING)	WA11-0112	2
22	2-PIECE COLLAR 1-1/2"	WA2J-2P	2



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ITEM	Description	PART NUMBER	QTY .
23	SHOCK ABSORBER ASSEMBLY	WA1FA	2
-	SHOCK ABSORBER	WA1FAA	2
-	UHMW BUSHING 3/8" I.D.	WA1FA1	4
24	PIN Ø 3/8" x 6" LG	WA1FB	4
-	COLLAR 3/8"	WA1FC	4
25	UNIVERSAL COUPLING ASSEMBLY	WA2H-0112	2
-	UHMW Flex Coupling	WA2HA-0112	2
-	UHMW Bushing 1 1/2" I.D.	WA1H2	2
-	Mounting Channel	WA2HC	2
-	Shaft 1 1/2" x 6 1/4" LG	WA2HD	2
-	Collar 1 1/2" I.D. x 2 1/2" O.D. x 7/8" width	WA1J	4
25A	FLEX COUPLING (Optional)	WA1H	2
-	Welded Flex Coupling	WA1HA	2
-	Wrap CAM	WA1HB	2
-	UHMW Sleeve	WA1H1	2
-	UHMW Bushing 1-1/2" I.D.	WA1H2	2
-	SCREW FASTENER SET 3/8" (Connection of the Flex coupling with motor Mount)	-	8
	- HEX HEAD CAP SCREW 3/8"-16x3/4"lg	HHCS3816075	8
	- FLAT WASHER 3/8" I.D x 7/8"O.D	FW38087	8
	- HEX NUT 3/8"-16	HN3816	8
26	WRAP AROUND SHAFT ASSEMBLY	WA5K	2
-	MOTOR MOUNT	WA5KA	2
	- Motor Retaining Screw:	-	4
	- Hex Head Cap Screw 3/8"-16 x 3/4" lg.	HHCS3816075	4
	- Nylon Lock Nut 3/8"-16	NLN3816	4
27	HYDRAULIC MOTOR, displacement 11.9 [cu. in./rev.]	WA1KM	2
	-FITTING 90° Elbow 1/2" NPTM x 1/2" JIC	EL90STL050JIC050NPTF	4
	- TORQUE PLATE	WA1K1	2
	- Hex Head Cap Screw 3/8"-16 x 3/4" lg. (motor's fastener)	HHCS3816075	8
28	BRUSH SHAFT Ø 1 1/2" x 10 1/2" lg.	WA5KB	2
29	4-BOLT BEARING 1 1/2"	WA1KCB	4
	- Screw Fastener Set (for bearing):	-	16
	- Hex Head Cap Screw 1/2"-13x1 3/4"lg.	HHCS1213175	16
	- Flat Washer 1/2" I.D. x 1" O.D.	FW12100	16
	- Split Lock Washer 1/2"	SLW12	16
	- Hex Nut 1/2"-13	HN1213	16



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ITEM	Description	PART No	QTY.
30	BRUSH ASSEMBLY (design: 5" core, 72"LG.) SCREW FASTENER SETS 1/2"-13x1 1/2"LG.: -Hex Head Cap Screws 1/2"-13x1 1/2"LG.. -Flat Washers 1/2" I.D.x1 1/4" O.D. -Split Lock Washers 1/2" -Hex Nuts 1/2"-13	WA1M-5/10X72	2
31	HYDRAULIC & WATER INSTALLATION: ----- Side Water Manifold Assembly (on exit legs): Manifold Hollow Hex Plug 1/2" NPTM Barb 1/2"x 1/2" NPTM Nozzle 1/4" NP Water Hose 1/2" I.D. (braid reinforced polyethane tubing) Female Pipe Tee 1/2" NPTF Barb 1/2"x 1/2" NPTM ----- Pipe clamp 3/4", for water hose and side water manifolds (w/screw fasteners 1/4") ----- Top Water Manifold Assembly: Top Water Manifold (tubing 1" O.D. x 34" lg. w/5 water outlets,) Hollow Hex Plug 1/2" NPTM Barb 1/2" x 1/2" NPTM Nozzle 1/4" NPTM ----- Pipe clamp 3/4", for Top Water Manifold (with screw fasteners 1/4"-20) ----- Hydraulic tube assembly: Hydraulic tubes 1/2" O.D.xW.035" stainless steel TP304/TP304L ASTM A269 Tube support sleeves 1/2" JIC Nuts 1/2" JIC Hydraulic hose assembly: Hydraulic Hose 3/8" I.D.x34" lg., thermoplastic Crimp Fitting SAE 37° JIC swivel (female) Crimp Fitting SAE 37° JIC male flare Damping Clamp 1/2", for hydraulic tubes (w/screw fasteners 1/4")	WC3L WA1LA WA1LAA SAE140109P-8 BRBPP050x050 NZ1-4 - SAE140438-8-8 BRB1-2x1-2 PPP3-4 WA1LA WA1LAA SAE140409P-8 BRBPP050X050 NZ14 PPP3-4 - - SAE070115-8 SAE070110-8 WA1LB SAE100R7-06x34 FC5810-0806 FC5807-0806 DMP1-2	- 2 2 2 2 8 2 6 10 2 2 2 2 8 4 - - 8 8 4 12 11

