

# Martin® Washbox™ Cleaning System



Installed as a secondary cleaner along the conveyor's return run, the [Martin® Washbox™ Cleaning System](#) provides the ultimate in belt cleaning technology. Each Martin® Washbox™ Cleaning System can be custom-engineered to match your cleaning requirements.

**SINGLE CLEANER SYSTEM INCLUDES:**

- One Martin® Belt Cleaner
- One Return Roller
- Mounting Hardware
- Two Martin® Inspection Doors, complete side panel, one on each end of the enclosure
- One Spray Bar with nozzles and valves
- Center Discharge Enclosure

**DUAL CLEANER SYSTEM INCLUDES:**

- Two Martin® Belt Cleaners
- Three Return Rollers
- Mounting Hardware
- Two Martin® Inspection Doors, complete side panel, one on each end of the enclosure
- Four Spray Bars with nozzles and valves
- Center Discharge Enclosure

**NOTES**

Martin Engineering recommends use of a pre-cleaner in conjunction with all Martin® Washbox™ Cleaning System installations.

Return idler must be installed directly before Martin® Washbox™ Cleaning System to ensure belt alignment for proper cleaning operation.

The Martin® Washbox™ Cleaning System features nozzles with an orifice size of 0.091 in. (2311 microns) and requires a 10 mesh (2000 micron) filter to prevent direct nozzle plugging.

Consult Martin Engineering for installations with a slope of greater than 15 degrees and for special systems including different cleaning options, drying modules, and squeegee modules.

**SPECIFICATIONS: WATER CONSUMPTION**

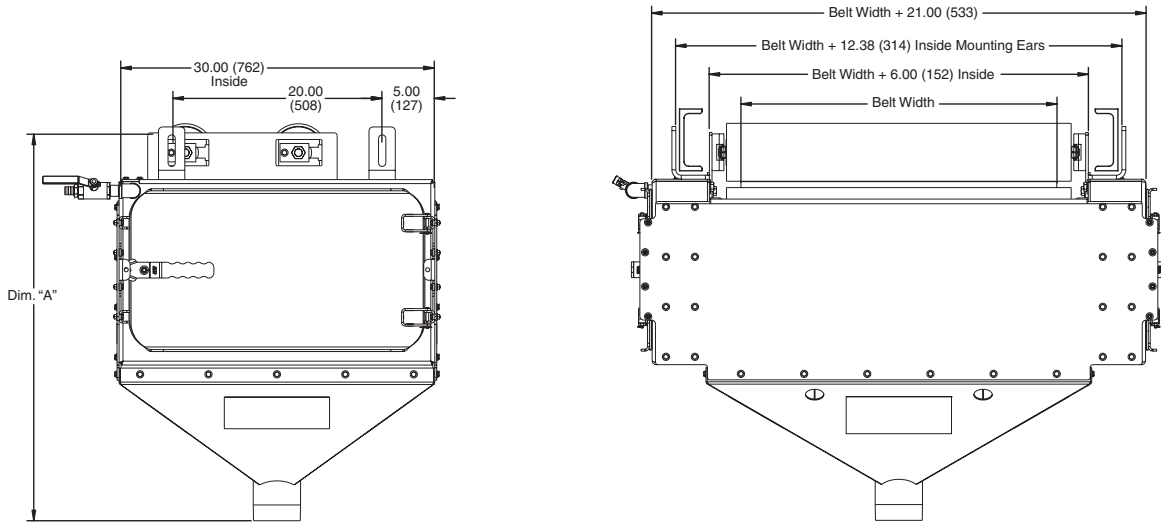
*(approximate) gallons per minute (L/min)*

Belt Width	Total Nozzles	Pressure PSI (bar)						
		5 (0.34)	10 (0.69)	15 (1.03)	20 (1.38)	30 (2.07)	40 (2.76)	60 (4.14)
18 (400-500)	10	5 (20)	8 (28)	9 (35)	11 (42)	13 (49)	15 (57)	18 (68)
24 (500-650)	10	5 (20)	8 (28)	9 (35)	11 (42)	13 (49)	15 (57)	18 (68)
30 (650-800)	14	7 (28)	11 (40)	13 (49)	15 (58)	18 (69)	21 (79)	25 (95)
36 (800-1000)	14	7 (28)	11 (40)	13 (49)	15 (58)	18 (69)	21 (79)	25 (95)
42 (1000-1200)	16	8 (32)	12 (45)	15 (56)	18 (67)	21 (79)	24 (91)	29 (109)
48 (1200-1400)	20	11 (40)	15 (57)	18 (70)	22 (83)	26 (98)	30 (114)	36 (136)
54 (1400-1600)	22	12 (44)	17 (62)	20 (77)	24 (92)	29 (108)	33 (125)	40 (150)
60 (1600-1800)	22	12 (44)	17 (62)	20 (77)	24 (92)	29 (108)	33 (125)	40 (150)
72 (1800-2000)	26	14 (52)	20 (74)	24 (91)	29 (108)	34 (128)	39 (148)	47 (117)
84 (2000-2200)	28	16 (60)	23 (85)	28 (104)	33 (125)	39 (148)	45 (170)	54 (204)

Consumption is approximate and intended for reference only. Recommended water pressure is 10 psi (0.69 bar).

# TECHNICAL DATA SHEET

## Martin® Washbox Cleaning System with dual belt cleaners for 18–48 in. belts



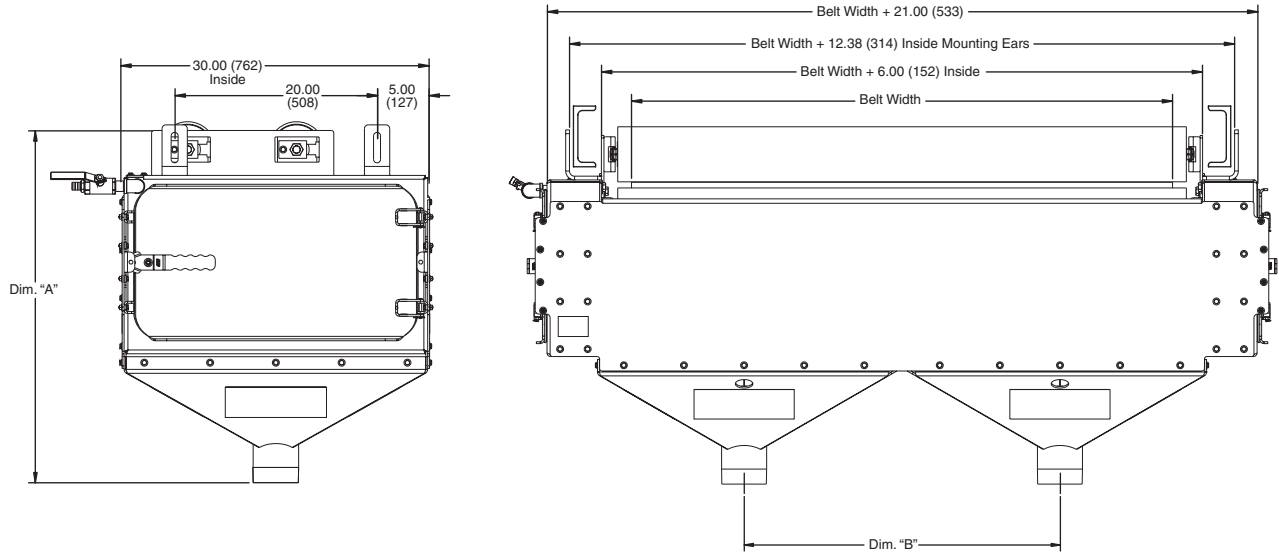
### DIMENSIONS

P/N	Dim. "A" in. (mm)
WBP18XXXXXXXXXX	34.35 (872)
WBP24XXXXXXXXXX	36.10 (917)
WBP30XXXXXXXXXX	37.72 (958)
WBP36XXXXXXXXXX	39.35 (999)
WBP42XXXXXXXXXX	41.03 (1042)
WBP48XXXXXXXXXX	42.63 (1083)

### NOMENCLATURE — WBP XX X XX X X X X X X

- Part Number Prefix
- The first XX indicates belt width.
- The next X indicates first belt cleaner type:  
 A = WSQC2S-XXXXXXXX cleaner  
 B = WSQC2S-XXXXXX3XX cleaner  
 C = WH2OS-XXXXXXXX cleaner  
 Ø = No cleaner
- The next XX indicates first cleaner blade width.
- The next X indicates first cleaner blade type:  
 G = WSQC2S with SC-XXG Orange Blade & Rubber Buffer  
 H = WSQC2S with SC-XXH Orange Blade & Rubber Buffer  
 R = WSQC2S with SC-XXR Orange Blade & Rubber Buffer  
 T = WSQC2S-XXXXXX3XX with Tungsten Carbide Blade  
 U = WSQC2S-XXXXXX3XX & WH2OS with Urethane Blade  
 Ø = No Blade
- The next X indicates the first cleaner blade color:  
 B = Brown Blade (WSQC2S-XXXXXX3XX)  
 G = Green Blade (WSQC2S-XXXXXX3XX)  
 N = Navy Blue Blade (WSQC2S-XXXXXX3XX)  
 O = Orange Blade (WSQC2S-XXXXXX3XX & WSQC2S-XXXXXXXX)  
 T = Teal Blade (WH2OS)  
 Ø = No Blade
- The next X indicates second belt cleaner type:  
 A = WSQC2S-XXXXXXXX cleaner  
 B = WSQC2S-XXXXXX3XX cleaner  
 C = WH2OS-XXXXXXXX cleaner  
 Ø = No cleaner
- The next XX indicates second cleaner blade width.
- The next X indicates second cleaner blade type:  
 G = WSQC2S with SC-XXG Orange Blade & Rubber Buffer  
 H = WSQC2S with SC-XXH Orange Blade & Rubber Buffer  
 R = WSQC2S with SC-XXR Orange Blade & Rubber Buffer  
 T = WSQC2S-XXXXXX3XX with Tungsten Carbide Blade  
 U = WSQC2S-XXXXXX3XX & WH2OS with Urethane Blade  
 Ø = No Blade
- The next X indicates the second cleaner blade color:  
 B = Brown Blade (WSQC2S-XXXXXX3XX)  
 G = Green Blade (WSQC2S-XXXXXX3XX)  
 N = Navy Blue Blade (WSQC2S-XXXXXX3XX)  
 O = Orange Blade (WSQC2S-XXXXXX3XX & WSQC2S-XXXXXXXX)  
 T = Teal Blade (WH2OS)  
 Ø = No Blade

## Martin® Washbox Cleaning System with dual belt cleaners and dual outlet funnels for 54–84 in. belts



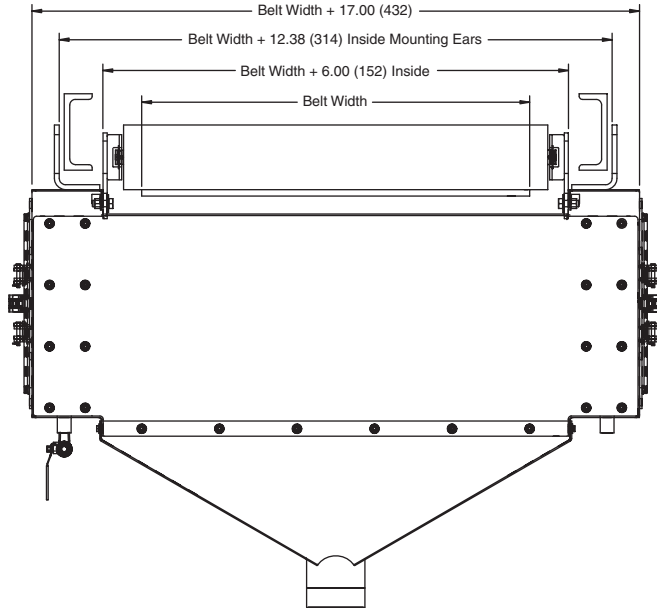
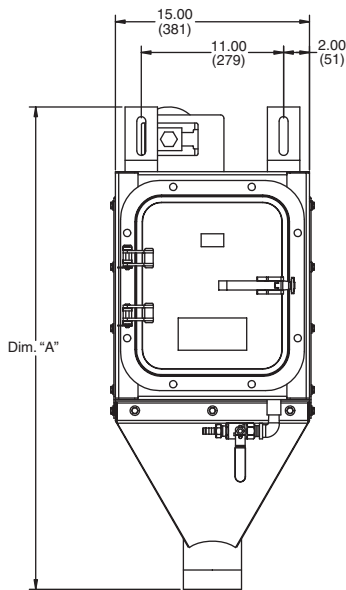
### DIMENSIONS

P/N	Dim. "A" in. (mm)	Dim. "B" in. (mm)
WBP54XXXXXXXXXX	44.45 (1129)	31.52 (801)
WBP60XXXXXXXXXX	46.16 (1172)	34.52 (877)
WBP72XXXXXXXXXX	49.64 (1261)	40.51 (1029)
WBP84XXXXXXXXXX	53.14 (1350)	46.51 (1181)

### NOMENCLATURE — WBP XX X XX X X X X X X X

- Part Number Prefix
- The first XX indicates belt width.
- The next X indicates first belt cleaner type:  
A = WSQC2S-XXXXXXXXX cleaner  
B = WSQC2S-XXXXXX3XX cleaner  
C = WH2OS-XXXXXXXXX cleaner  
Ø = No cleaner
- The next XX indicates first cleaner blade width.
- The next X indicates first cleaner blade type:  
G = WSQC2S with SC-XXG Orange Blade & Rubber Buffer  
H = WSQC2S with SC-XXH Orange Blade & Rubber Buffer  
R = WSQC2S with SC-XXR Orange Blade & Rubber Buffer  
T = WSQC2S-XXXXXX3XX with Tungsten Carbide Blade  
U = WSQC2S-XXXXXX3XX & WH2OS with Urethane Blade  
Ø = No Blade
- The next X indicates the first cleaner blade color:  
B = Brown Blade (WSQC2S-XXXXXX3XX)  
G = Green Blade (WSQC2S-XXXXXX3XX)  
N = Navy Blue Blade (WSQC2S-XXXXXX3XX)  
O = Orange Blade (WSQC2S-XXXXXX3XX & WSQC2S-XXXXXXXXX)  
T = Teal Blade (WH2OS)  
Ø = No Blade
- The next X indicates second belt cleaner type:  
A = WSQC2S-XXXXXXXXX cleaner  
B = WSQC2S-XXXXXX3XX cleaner  
C = WH2OS-XXXXXXXXX cleaner  
Ø = No cleaner
- The next XX indicates second cleaner blade width.
- The next X indicates second cleaner blade type:  
G = WSQC2S with SC-XXG Orange Blade & Rubber Buffer  
H = WSQC2S with SC-XXH Orange Blade & Rubber Buffer  
R = WSQC2S with SC-XXR Orange Blade & Rubber Buffer  
T = WSQC2S-XXXXXX3XX with Tungsten Carbide Blade  
U = WSQC2S-XXXXXX3XX & WH2OS with Urethane Blade  
Ø = No Blade
- The next X indicates the second cleaner blade color:  
B = Brown Blade (WSQC2S-XXXXXX3XX)  
G = Green Blade (WSQC2S-XXXXXX3XX)  
N = Navy Blue Blade (WSQC2S-XXXXXX3XX)  
O = Orange Blade (WSQC2S-XXXXXX3XX & WSQC2S-XXXXXXXXX)  
T = Teal Blade (WH2OS)  
Ø = No Blade

## Martin® Washbox Cleaning System with single belt cleaner



### DIMENSIONS

P/N	Dim. "A" in. (mm)
WBSCP18XXXXX	34.02 (864)
WBSCP24XXXXX	35.70 (907)
WBSCP30XXXXX	37.30 (947)
WBSCP36XXXXX	38.95 (989)
WBSCP42XXXXX	40.58 (1031)
WBSCP48XXXXX	42.20 (1072)

### NOMENCLATURE — WBSCP XX X XX X X

- Part Number Prefix
- The first XX indicates belt width.
- The next X indicates belt cleaner type:  
 A = WSQC2S-XXXXXXXXX cleaner  
 B = WSQC2S-XXXXXX3XX cleaner  
 C = WH2OS-XXXXXXXXX cleaner  
 Ø = No cleaner
- The next XX indicates cleaner blade width.
- G = WSQC2S with SC-XXG Orange Blade & Rubber Buffer  
 H = WSQC2S with SC-XXH Orange Blade & Rubber Buffer  
 R = WSQC2S with SC-XXR Orange Blade & Rubber Buffer  
 T = WSQC2S-XXXXXX3XX with Tungsten Carbide Blade  
 U = WSQC2S-XXXXXX3XX & WH2OS with Urethane Blade  
 Ø = No Blade
- The next X indicates the second cleaner blade color:  
 B = Brown Blade (WSQC2S-XXXXXX3XX)  
 G = Green Blade (WSQC2S-XXXXXX3XX)  
 N = Navy Blue Blade (WSQC2S-XXXXXX3XX)  
 O = Orange Blade (WSQC2S-XXXXXX3XX & WSQC2S-XXXXXXXXX)  
 T = Teal Blade (WH2OS)  
 Ø = No Blade



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