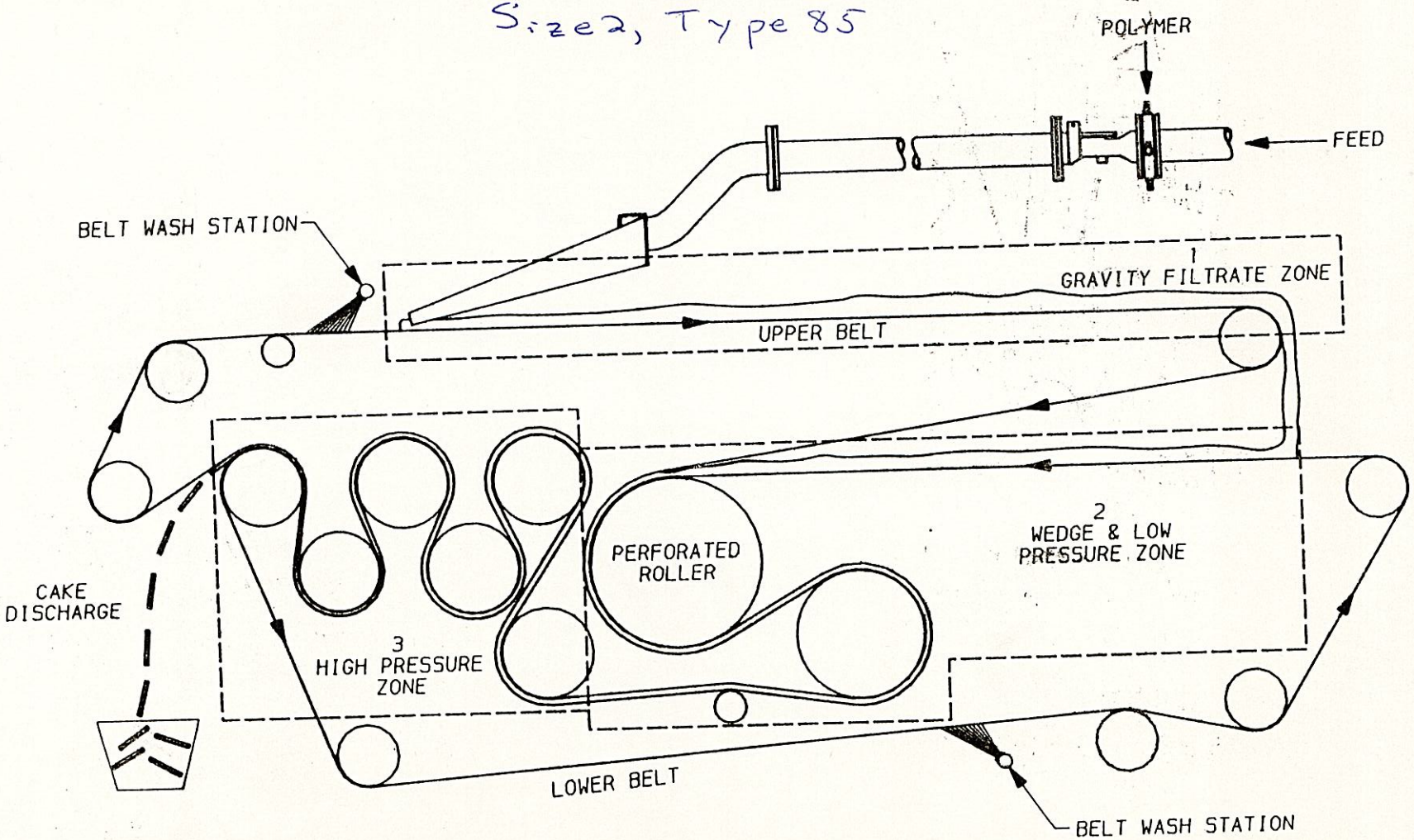
ASHBROOK-SIMON-HARTLEY

KLAMPRESS

Size 2, Type 85



MATERIALS OF CONSTRUCTION
AND
COATING SPECIFICATION
ASHBROOK-SIMON-HARTLEY
TYPE 85 KLAMPRESS

DRIVE UNIT	: SEE DRIVE UNIT SECTION
COATING	: SEE PAINT SPECIFICATION
MAIN FRAME	: W6 X 16#/FT CARBON STEEL "I" BEAM PER ASTM-A36
COATING	: HOT DIPPED GALVANIZED 4-7 MILS MINIMUM THICKNESS
ROLLERS	
24" PERFORATED	: 10 GA 304 S.S. SKIN AND INTERNALS 1018 CARBON STEEL SHAFT
DRIVE	: 1/2" WALL CARBON STEEL
COATING	: BUNA-N
OTHERS	: 1/2" WALL CARBON STEEL
COATING	: NYLON
GRAVITY DRAINAGE GRIDS	: 304 STAINLESS STEEL SUPPORT FRAME HIGH DENSITY POLYETHYLENE STRIPS (H.D.P.E.) FOR BELT SUPPORT SURFACE
WASHWATER PIPING	: SCHEDULE 80 PVC
FEED CHUTE	: 10 GA 316 STAINLESS STEEL
DISCHARGE CHUTE	: 10 GA 304 STAINLESS STEEL
REVERSAL ROLLER GUARD	: 10 GA 304 STAINLESS STEEL
COATING	: HOT DIPPED GALVANIZED 4-7 MILS MINIMUM THICKNESS
ROLLER GUARD INSERT	: 10 GA 304 STAINLESS STEEL
TENSIONING ASSEMBLIES	: ASTM A-36 CARBON STEEL WELDMENT
COATING	: HOT DIPPED GALVANIZED 4-7 MILS MINIMUM THICKNESS
STEERING ASSEMBLIES	: ASTM A-36 CARBON STEEL WELDMENT
COATING	: HOT DIPPED GALVANIZED 4-7 MILS MINIMUM THICKNESS
SCRAPER CARRIER BODY	: CARBON STEEL
COATING	: HOT DIPPED GALVANIZED 4-7 MILS MINIMUM THICKNESS
BLADE RESTRAINER BAR	: 304 STAINLESS STEEL

SCRAPER BLADE	: ULTRA HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (U.H.M.W.H.D.P.E.)
BEARINGS	: SEALED ROLLER TYPE BEARING IN CAST IRON HOUSING
COATING	: THERMOPLASTIC NYLON SPECIFICATION
HYDRAULIC SYSTEM	: RATED FOR OPERATION AT 700 PSI WITH OPERATING TEMPERATURE RANGE OF 40 DEGREES F - 160 DEGREES F. 316 STAINLESS STEEL TANK.
HYDRAULIC TUBING	: 316 STAINLESS STEEL
CHICANE BLADES	: ULTRA HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHELENE (U.H.M.W.H.D.P.E.)
CHICANE RODS	: CARBON STEEL
COATING	: HOT DIPPED GALVANIZED 4-7 MILS MINIMUM THICKNESS
DRAINAGE TRAYS	: 1/4" NOMINAL FIBER REINFORCED PLASTIC (F.R.P.)
DRAINAGE PIPING	: SCHEDULE 40 PVC
WASHBOXES	: 16 GA 304 STAINLESS STEEL
GUIDES	: 16 GA 304 STAINLESS STEEL
MIXER	: 6061 CAST ALUMINUM
INJECTION RING	: ULTRA HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (U.H.M.W.H.D.P.E.)
TRUNNION BEARINGS	: 304 STAINLESS STEEL
WELDING	: SHIELDED ARC ELECTRODES IN ACCORDANCE WITH LATEST APPLICABLE CODES OF THE AMERICAN WELDING SOCIETY
MOTORS	: TOTALLY ENCLOSED, ALL AC MOTORS T.E.F.C. ALL DC MOTORS T.E.N.V. RATED FOR SEVERE DUTY
COATING	: SEE PAINT SPECIFICATION
ALL FASTENERS, CLIPS AND HARDWARE	: 316 STAINLESS STEEL

PAINT SPECIFICATION

PRIMER	CATALYZED EPOXY		1.5-2 MILS	DFT MINIMUM
FINISH	POLANE POLYURETHANE	F63 SERIES	8 MILS	DFT MINIMUM

GALVANIZING SPECIFICATION

FABRICATED PIECES	ASTM A-123-78
CASTINGS	ASTM A-153-80

THEMOPLASTIC NYLON SPECIFICATION

STEP 1: SANDBLAST TO WHITE METAL.

STEP 2: SANDBLASTED COMPONENT PRE-HEATED TO 525^{o}F.

STEP 3: HEATED COMPONENT COMPLETELY SPRAYED NYLON COATING.

STEP 4: SPRAYED COMPONENT PLACED BACK INTO OVEN (525^{o}F FOR SIX (6) MINUTES).

STEP 5: STEPS 3 AND 4 REPEATED UNTIL A FINISH THICKNESS OF 16-18 MILS IS OBTAINED.

STEP 6: COMPONENT ALLOWED TO COOL IN AIR TO ROOM TEMPERATURE.