



4932 BEECH STREET, CINCINNATI, OHIO 45212
 DIVISION OF LeBLOND INCORPORATED

TELEX 21 4446

D-U-N-S 425-1740
 PHONE 513/841-3600

PAGE NO. 1	SIZE & MODEL	SERIAL NO.	DATE ENTERED 9-16-82	OUR ORDER NO. 89726	DATE PROMISED Jan. 1983	NO. INV.	
CUSTOMER'S ORDER NO. T 57975		PROPOSAL	M. C. NO.	TERRITORY HVS - Weil 100	PRIORITY	TERMS NET 30 DAYS F.O.B. FACTORY CINCINNATI OHIO	
PURCHASER'S ORDER NO. T-57975		SHIP VIA			CAR NO.	SHIPPING WEIGHT	EXPRESS RECEIPT NO.
S H I P T O International Flavors & Fragrances 150 Docks Corner Rd. So. Brunswick, NJ		SPECIAL REMARKS Ferneding Stratmann Customer Contacts: Gerry Ferrara, Eng. 201-288-0400 Charles Zaleske, Purch. 201-264-4500			DATE SHIPPED	INVOICE DATE	
S O L D T O International Flavors & Fragrances 100 Green Street Teterboro, NJ 07608					SHIPPED VIA	SHIPMT. NO.	V COMPLETE V PARTIAL V FINAL

ITEM NO.	QUAN. ORD'D.	DESCRIPTION	STOCK ROOM	UNIT PRICE	BALANCE DUE	QUAN. SHIPPED	TOTAL AMOUNT
1	1	ONE (1) DAY MIXING Size 54" x 10' Ribbon Blender. 180 cu. ft. capacity to top of agitator. 203 cu. ft. full capacity. 75 HP design and construction. NOTE: Blender designed for a density of 45 lbs/cu.ft. Bulk density may range as high as 65 lbs./cu.ft. in limited applications. Higher density batches will be reduced in volume.		W22617 COMPUTER B/M & GEN. DWG DD284649-5A			
		TANK		Rec. W/D.			OUT 2/25/83 V.W.
		Tank sheet rolled and formed of type 304 solid stainless steel.		TANK HD SCRAPERS			MANUAL PRINTS DD284649-5A DD318270-22 DD266260-27 DD288622-19 DD286942-15 DD364311 DD346849-1 DC353584-1 DB328285 A DB290483-68 DB290483-69 DB290483-70 DB278812-64 DB338774-1 A DA278030-133 DA278030-136 DA278030-137 DA267453-30
		Tankhead reinforcements fabricated of 304 S/S.					
		Tankheads fabricated of type 304 solid S/S.					
		Tankheads at each end welded to tank.					
		Interior surfaces to have a 100 grit finish. FREE OF PITS, CRACKS & CREVICES PER R.F. 10-7-82 LEGS					
		Mixer to have 304 stainless steel tubular legs.					
		Leg height to be determined.					



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ITEM NO.	QUAN. ORD'D.	DESCRIPTION	STOCK ROOM	UNIT PRICE	BALANCE DUE	QUAN. SHIPPED	TOTAL AMOUNT
		<u>STUFFING BOXES</u>					
		Day Patented Sanitary air purge stuffing box with Teflon CVU packing arranged for easy removal and accessibility to agitator shaft for cleaning between batches.					
		<u>BEARINGS</u> 5 ¹⁵ / ₁₆ DIA.					
		Three (3) heavy duty anti-friction roller bearings, self-aligning, sealed and dust proof, roller bearing supports to be 304 stainless steel.					
		Bearings to have cast iron pillow block housings, painted.					
		Bearings mounted outside product zone.					
		Two bearings at drive end to minimize deflection and overhung load.					
		<u>THERMOWELL</u>					
		Thermowell in tankhead opposite drive end.					
		<u>DISCHARGE VALVE</u>					
		12" dia. center discharge 304 stainless steel air operated slide paddle valve. With adjustable solid stroke air cylinder and manual control.					



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PAGE NO. 3	SIZE & MODEL	SERIAL NO.	DATE ENTERED 9-16-82	OUR ORDER NO. 89726	DATE PROMISED	NO. INV.
CUSTOMER'S ORDER NO.		PROPOSAL	H. C. NO.	TERRITORY HVS - Well 100	PRIORITY	TERMS NET 30 DAYS F.O.B. FACTORY CINCINNATI OHIO
S H I P T O International Flavors & Fragrances Docks Corner Rd. So. Brunswick, NJ				SPECIAL REMARKS		CAR NO. SHIPPING WEIGHT EXPRESS RECEIPT NO. DATE SHIPPED INVOICE DATE SHIPPED VIA
PURCHASER'S ORDER NO.		SHIP VIA		Ferneding Stratmann Customer Contacts: Gerry Ferrara, Eng. 201-288-0400 Charles Zaleske, Purch. 201-264-4500		SHIPMT. NO. V COMPLETE V PARTIAL V FINAL
S O L D T O International Flavors & Fragrances 100 Green Street Teterboro, NJ 07608						

ITEM NO.	QUAN. ORD'D.	DESCRIPTION	STOCK ROOM	UNIT PRICE	BALANCE DUE	QUAN. SHIPPED	TOTAL AMOUNT
		<u>Discharge Valve (Cont)</u>					
		Dust tight construction.					
		1 1/2" 304 stainless steel angle at bottom of discharge valve body for customer to attach gravity chute.					
		<u>AGITATOR -- BOLTED FLANGED DESIGN</u> COST OF TUBE SHAFT & SOLID SHAFT IS EQUAL PER O.J. 10-1-82					
		Type 304 solid stainless steel double ribbon continuous type triple action ribbon agitator.					
		Ribbons rolled and formed to provide center discharge.					
		Radial rods staked to agitator shaft.					
		Minimum clearance to be provided between agitator and tank.					
		Agitator not polished but ground smooth.					
		Agitator speed to be 20 RPM.					
		Agitator ends to have fully adjustable scrapers sweep at tankheads to prevent build-up of material and assure efficient mixing.					
		Agitator shafts not beveled at stuffing boxes.					
		Shaft designed for full load starting with bulk density of 45 lbs/cu. ft.					



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ITEM NO.	QUAN. ORD'D.	DESCRIPTION	STOCK ROOM	UNIT PRICE	BALANCE DUE	QUAN. SHIPPED	TOTAL AMOUNT
		<u>Agitator - Bolted Flanged Design</u>					
		Shaft will be of adequate heavy duty design to handle a maximum bulk density of 65 lbs./cu. ft. with a reduced volume.					
		Agitator to have ^{FLANGE} quick-disconnect couplings permitting rapid removal of agitator without disturbing stuffing boxes or bearings.					
		<u>SPRAY PIPE</u>					
		304 flanged opening on the ends for addition of spray pipe.					
		Spray pipe design to be same as supplied on 1" PIPE S.O. 88495 (F" Blender). PER R.F. - 10-13-82					
		Tank sides to be 3" higher.					
		Spray pipe removable.					
		<u>JACKET</u>					
		Jacket sheet rolled and formed of 304 S/S sheet.					
		Jacket baffled for cooling.					
		60 psi ASME Code construction and certified.					
		Suitable inlets, outlets and drains.					
		Jacket to extend to centerline of agitator.					



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ITEM NO.	QUAN. ORD'D.	DESCRIPTION	STOCK ROOM	UNIT PRICE	BALANCE DUE	QUAN. SHIPPED	TOTAL AMOUNT
		<u>BRUSH SIFTER & COVER</u>		W-22021			
		Size "G" Brush Sifter mounted on top of blender					
		fabricated of 304 stainless steel, stainless steel					
		breaker bars, 8 mesh stainless steel screen, sifter					
		to have dump hood with vent connection (see Day					
		photo IRB-44). Interior and exterior to have glass					
		bead finish.					
		Sifter driven by a 3/4 HP, 460 volt, 3 ph, 60 cy					
		explosion proof motor, Class I Group D, no motor					
		controls included, spring loaded coupling for quick					
		disconnect of sifter from motor.					
		Top of blender not covered by the Brush Sifter,					
		To have a one piece cover hinged to rear of tank and					
		counter-weighted, cover to include an ingredient					
		inlet, vaulted and having a hinged cover and a dump					
		grid, size of vaulted inlet approx. 36" x 24".					
		Main cover to include a safety switch, gaskets of					
		white neoprene rubber, holddown clamps to be swing					
		type with handknobs. Cover to be dust tight and					
		having a glass bead finish inside and out.					



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ITEM NO.	QUAN. ORD'D.	DESCRIPTION	STOCK ROOM	UNIT PRICE	BALANCE DUE	QUAN. SHIPPED	TOTAL AMOUNT
		<u>DRIVE</u>					
		Roller chain and sprockets selected for 75 HP.					
		Enclosed in a solid 304 stainless steel chain guard					
		having glass bead finish on outside. <u>OIL TIGHT?</u>					
		<u>MOTOR</u>					
		75 HP, 1800 RPM, 460 volt, 3 phase, 60 cycle explosion					
		proof motor mounted on a <u>common base</u> with a <u>100 RPM</u>					
		output speed reducer having a hydraulic torque coupling					
		for start-under-load operation, motor starter not					
		included but two start-stop button stations will be					
		furnished.					
		<u>EXTERIOR FINISH</u>					
		All exterior stainless steel surfaces except as					
		noted will have a mill finish.					
		All exterior carbon steel surfaces painted with high					
		quality white baked enamel.					
		F.O.B. S. Brunswick, NJ					94,975.00