

## Our Story

Warrior was founded in 1978 and began manufacturing structural support systems for the grain handling industry including conveyor trusses, support towers and stair platform systems. Early in its history, Warrior also manufactured tractor quick hitches under the Warrior brand name. Warrior continues to sell quick hitches to Original Equipment Manufacturers (OEMs) and through a nationwide network of dealers.

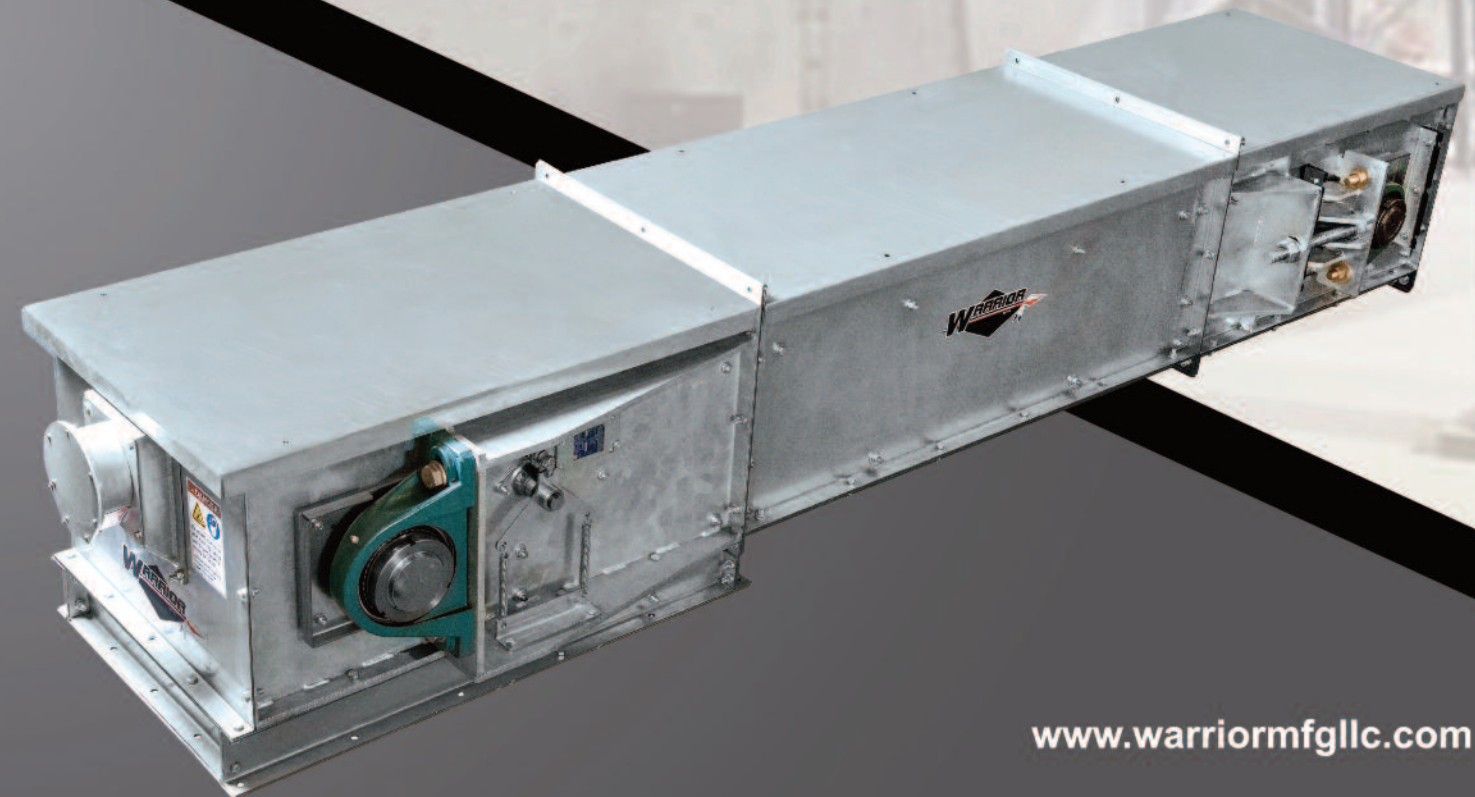
After new ownership acquired the company in 2002, Warrior expanded to serve additional industries including mining, food processing and the ethanol industry. Warrior also made a substantial investment in equipment to manufacture structural steel for the construction industry. Warrior also sought and received the AISC certification from the American Institute of Steel Construction.

For many years, Warrior operated out of a 25,000 square foot facility in Redwood Falls, Minnesota. Due to rapid growth, Warrior built a state-of-the-art facility in Hutchinson, Minnesota in 2007. In 2012, Warrior acquired Micada, a company manufacturing hopper cones for on-farm grain storage. In 2016 the company began manufacturing material handling equipment in a facility in Omaha, Nebraska. Warrior now has over 200,000 square feet of manufacturing space in four locations throughout the Midwest.



**CUSTOM ENGINEERED PRODUCTS THAT  
DELIVER SOLUTIONS**

# EN-MASSE CONVEYOR



DESCRIPTION		FPM	10X12	15X12	20X12	10X17	15X17	20X17	25X17	30X17
BPH	EN MASSE 0°	100	2201	3346	4491	3557	5395	7234	9073	10911
		125	2751	4183	5614	4446	6744	9043	11341	13639
		150	3302	5019	6737	5335	8093	10851	13609	16367
	TALL FLIGHT 30°	100	1569	2389	3209	1885	2864	3844	4823	5803
		125	1961	2986	4011	2356	3580	4805	6029	7254
		150	2353	3583	4814	2827	4296	5766	7235	8704
		FPM	10X12	15X12	20X12	10X17	15X17	20X17	25X17	30X17
TPH	EN MASSE 0° - 15°	100	66	100	134	106	161	216	271	326
		125	82	125	168	133	201	270	339	407
		150	99	150	201	159	242	324	406	489
	TALL FLIGHT 30°	100	47	71	96	56	86	115	144	173
		125	59	89	120	70	107	143	180	217
		150	70	107	144	84	128	172	216	260
		FPM	10X12	15X12	20X12	10X17	15X17	20X17	25X17	30X17
MTPH	EN MASSE 0° - 15°	100	60	91	122	96	146	196	246	296
		125	75	113	152	120	183	245	307	370
		150	89	136	183	145	219	294	369	443
	TALL FLIGHT 30°	100	43	65	87	51	78	104	131	157
		125	53	81	109	64	97	130	163	197
		150	64	97	130	77	116	156	196	236
		FPM	10X12	15X12	20X12	10X17	15X17	20X17	25X17	30X17
CFPH	EN MASSE 0° - 15°	100	2738	4163	5587	4425	6712	8999	11286	13574
		125	3423	5203	6984	5531	8390	11249	14108	16967
		150	4107	6244	8381	6637	10068	13499	16930	20361
	TALL FLIGHT 30°	100	1952	2972	3992	2345	3563	4782	6000	7219
		125	2440	3715	4990	2931	4454	5977	7500	9023
		150	2928	4458	5988	3517	5345	7172	9000	10828

DESCRIPTION		FPM	30X20	20X27	25X27	30X27	35X27	32X32	40X32
BPH	EN MASSE 0°	100	14207	13555	16995	20436	23876	27065	33891
		125	17759	16943	21244	25545	29845	33831	42364
		150	21311	20332	25493	30653	35814	40597	50837
	TALL FLIGHT 30°	100	7446	5459	6848	8237	9626	13046	16338
		125	9307	6824	8560	10296	12032	16308	20423
		150	11169	8189	10272	12355	14439	19569	24508
		FPM	30X20	20X27	25X27	30X27	35X27	32X32	40X32
TPH	EN MASSE 0°	100	424	405	507	610	713	808	1012
		125	530	506	634	763	891	1010	1265
		150	636	607	761	915	1069	1212	1518
	TALL FLIGHT 30°	100	222	163	204	246	287	390	488
		125	278	204	256	307	359	487	610
		150	333	244	307	369	431	584	732
		FPM	30X20	20X27	25X27	30X27	35X27	32X32	40X32
MTPH	EN MASSE 0°	100	385	367	460	554	647	733	918
		125	481	459	576	692	809	917	1148
		150	577	551	691	831	970	1100	1377
	TALL FLIGHT 30°	100	202	148	186	223	261	353	443
		125	252	185	232	279	326	442	553
		150	303	222	278	335	391	530	664
		FPM	30X20	20X27	25X27	30X27	35X27	32X32	40X32
CFPH	EN MASSE 0°	100	17674	16862	21142	25422	29702	33668	42160
		125	22093	21078	26428	31777	37127	42085	52701
		150	26511	25293	31713	38133	44553	50503	63241
	TALL FLIGHT 30°	100	9263	6791	8519	10247	11974	16230	20325
		125	11578	8489	10649	12808	14968	20287	25406
		150	13894	10187	12778	15370	17962	24344	30487

Capacities based on a material density of 48 pounds per cubic foot



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# EN-MASSE CONVEYOR

## Options

- Intermediate Discharge Gates
- Reversing Conveyors
- Knee Bends
- Variety of AR Liner Packages
- Self-Cleaning Design
- Bypass inlet
- Inlet Gates
- Motors and Drives
- Safety Switches
- Hip Lids
- Catwalks and Towers

SPLIT SPROCKET

TAPERED 1/4" AR 400 RETURN RAIL OR UHMW RETURN ROLLERS

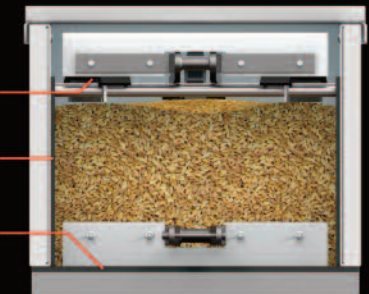
UHMW POLYETHYLENE FLIGHTS

5FT LIDS WITH FORMED SEALS (12Ga)

HOT DIPPED GALVANIZED TAIL SECTION (10Ga)

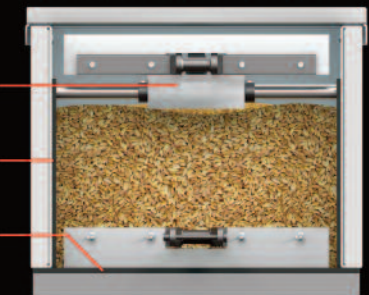
### RAIL RETURN

- AR 400 Return Rails
- Replaceable AR Steel Liner sides
- Replaceable AR Steel Lined Bottom



### ROLLER RETURN

- UHMW Roller Return
- Replaceable AR Steel Liner sides
- Replaceable AR Steel Lined Bottom



### TALL FLIGHT



### BYPASS INLET



- BEARINGS ROTATED AT 90 DEGREES  
Decreases stress on the bearings
- INVERTED TAKE-UP WITH VERTICAL SEAL
- 3/8" FLAT BOTTOM CONNECTIONS  
Add structural integrity to the conveyor

STANDARD HEAT-TREATED WELDED STEEL CHAIN  
Designed to each application to ensure long term service

10 FT INTERMEDIATE SECTIONS (10Ga, -G90U)  
Hip lids are optional

3/16" GALVANIZED FORMED ANGLE FLANGES  
Increases rigidity

SLACK CHAIN/BREAK SWITCH  
Activation shuts off motor to prevent potential damage

PRESS FIT UHMW SEALS WITH "O" RING

CONCENTRIC LOCKING PILLOW BLOCK BEARINGS  
Prevent slippage of bearings on shaft

DIAPHRAGM PLUG SWITCH  
Activation shuts off motor to prevent potential damage

HOT DIPPED GALVANIZED HEAD SECTION (7Ga)

## Configurations

