

# Ultimate Protection in Your Most Severe Environment



Winsmith's Maximizer® Stainless Steel Reducer offers maximum corrosion protection and cleanliness in the harshest washdown applications. It's yet another product in **Applied Industrial Technologies** arsenal of HACCP Friendly<sup>SM</sup> products that provides cost savings through extended service life and reduced downtime.

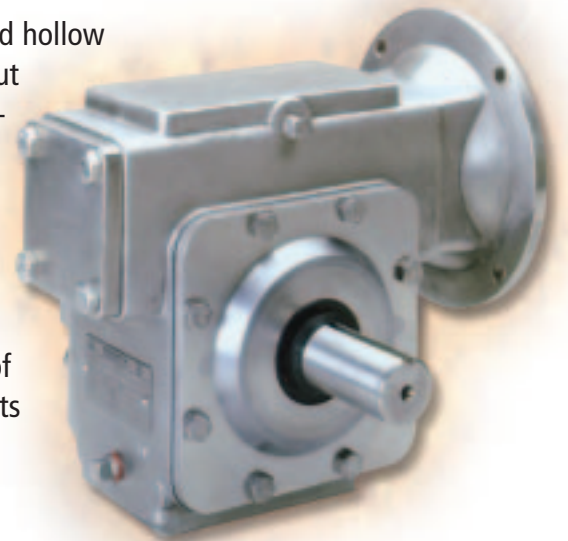
Food Industry

**Applications include:**  
**Palletizers**  
**Packaging equipment**  
**Processing equipment**  
**Linear conveyors**  
**Clean rooms**

- Three center distances: 2.00", 2.625" and 3.5"
- Ratios – Single reduction – 5 – 100:1
- "Worry Free" 2-year warranty
- Rebuild program maintains warranty for life of equipment
- Includes USDA class H-1 synthetic lubricant
- Double reduction models available: MDN, MDSN, MDSF, MDV and MDD
- Accessories available: Base Kits, "J" Kits, Mounting Brackets, Torque Arm Components, Additional Mounting Holes

## ► Features and Benefits:

- ❑ Cast 304 stainless steel housing, covers and motor adapters; precision investment casting exceeds ISO #N9 (250 Ra) standard for accuracy and surface finish; all surface finishes are passivated for added protection
- ❑ Stainless steel fasteners, plugs and nameplate
- ❑ High pressure angle and recess action gearing
- ❑ Tapped mounting holes provide easier mounting/dismounting and are featured on bottom of unit only to reduce contamination opportunities; stainless steel mounting bolts included; gasket supplied between motor and reducer flange
- ❑ Worm bores are furnished with USDA approved Never-Seez® Grease/Rust Inhibitor
- ❑ 303 stainless steel solid and hollow output shafts; hollow output shafts include bronze bushing kits for additional bore sizes; puller slots provide easier removal of gearbox from shaft
- ❑ Windshield™ excluder seal features five barriers of protection to keep lubricants in and contaminants out



**HACCP FRIENDLY<sup>SM</sup>**



**APPLIED**  
 Industrial Technologies®

Value Through Innovation

# MAXIMIZER® SERIES PRODUCT LINE

MAX BASIC    MAX PLUS    MAX STAINLESS

SURFACE FINISH			
GRAY EPOXY PAINT EXTERIOR - Hard, smooth epoxy paint on phosphotized cast iron surface	S		
TRIPLE CLAD WHITE EPOXY PAINT EXTERIOR - Primer between phosphotized surface and final white coat		S	
304 STAINLESS STEEL EXTERIOR - All cast exterior components are 304 grade or higher			S
160 RA (#1) FINISH FOR FOOD ZONE USE - Investment cast surface for extreme smoothness			S
16 RA (#4) FINISH FOR FOOD CONTACT - Polished to a near mirror finish			S
SMOOTH EXTERIOR DESIGN FOR EASY CLEANING - Reduces contamination risk			S
PASSIVATED STAINLESS STEEL - Provides maximum resistance to rust			S
VENTING			
1 PSI PRESSURE VENT - Extensively tested to keep high pressure spray out	S	S	S
S-EQUALIZER® SEALED UNIT - Ventless unit keeps lubrication in and contamination out	O	O	
SEALING			
FORSHEDA V-RING SEALS ON OUTPUT SHAFT - Keep material from moving up shaft and into gearbox	S	S	
WINSHIELD™ EXCLUDER OUTPUT SEAL - Patented seal w/ five barriers offers additional protection	O	O	S
DOUBLE OUTPUT SEALS - Used when Forsheda V-ring can't be used - MDSN, CDSF, DSN, MDSE, CDSF, DSF	S	S	
HNBR INPUT SEALS - Hydrogenated nitrile improves resistance to heat and abrasion	S	S	S
LUBRICATION			
MOBIL SHC 629 H-2 SYNTHETIC LUBRICATION - Offers high efficiency	S	S	O
CHEVRON ISO 460 H-1 PARAFFINIC FOOD GRADE LUBRICATION - Safe for incidental food contact	O	O	S
HARDWARE			
303 STAINLESS STEEL NAMEPLATE - Riveted to Basic and Plus; bonded to Stainless	O	S	S
303 STAINLESS STEEL FASTENERS - Highly rust resistant		S	S
303 STAINLESS STEEL SQUARE HEAD PIPE PLUGS - Eliminate socket head plug and cavity		S	S
303 STAINLESS STEEL MOTOR BOLTS - Highly rust resistant		S	S
PLASTIC HOLE PLUGS FOR UNUSED HOLES - Hinder contamination collection areas		S	
REMOVAL OF UNNECESSARY MOUNTING HOLES - Hinders contamination collection areas			S
SHAFTING			
303 STAINLESS STEEL SOLID OUTPUT, HOLLOW OUTPUT - Highly rust resistant		S	S
BUSHINGS			
BRONZE INPUT AND OUTPUT BUSHING - Hinders corrosion between shafts	O	O	O

**S = Standard**  
**O = Optional**

Contact Your Local Authorized Service Center  
**1-877-279-2799**

**WARNING:** Injury, death, property damage, and/or equipment failure may result from misuse or misapplication of the products featured in this publication. The information in this publication is provided "AS IS," WITHOUT WARRANTY OF THE INFORMATION'S ACCURACY OR THE PRODUCTS' SUITABILITY FOR ANY PARTICULAR USE.



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