PET PRODUCTS PARTS LIST



ENGINEERING - MANUFACTURING - QUALITY

CONTIFORM C2 (S,SK), C3

Toll free : 1-866-454-2493 Fax : (450) 454-2477

Web Site : <u>www.um-inc.com</u>

VERSION: 20150901



ENGINEERING CAPABILITIES



3D printing

With or without a CAD file, UM can design and print your ideas. We give you the opportunity to have a prototype to test before spending money on parts improperly designed.

CMM measurement

Get very precise measurements of any parts with our CMM equipment; nothing compares to its precision.





3D scan

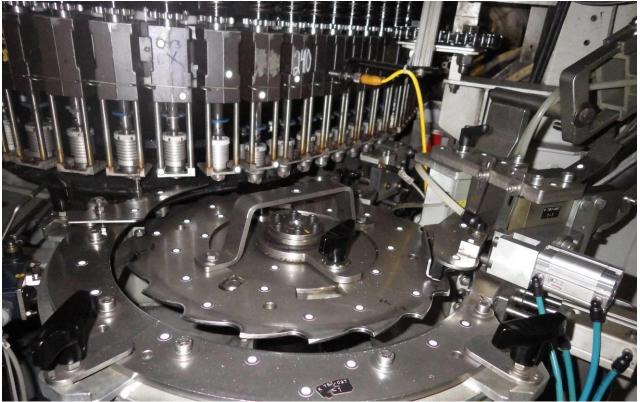
With its portable equipment, UM can come on site and scan any complex equipment and parts.

CONTIFORM C2, C3 *UM ALTERNATE SPARE PARTS*



ENTRY WHEEL	5
OVEN CHAIN	6
OVEN CHAIN: SPINDLE ASSY C2	
OVEN CHAIN : SPINDLE ASSY C3	7
OVEN CHAIN: CHAIN LINK ASSY	10
OVEN CHAIN: GRIPPERS	12
TRANSFER	13
CAM WHEEL & GUIDE	24
BLOWING STATION	25
WATER JACKET NEW AND REBUILD	26
UM GENERAL INFORMATION	32

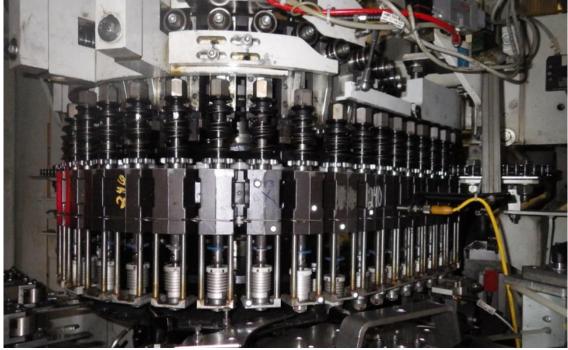
ENTRY WHEEL



PREFORM CHANGE

 $UM\space{M}s$ engineering team can help you design all the custom parts required to change from one preform to another.

With its equipment and know how, $UM\space{}s$ engineering team will keep all the required OEM specifications.



OVEN CHAIN

SPINDLE ASS'Y UMKN-2-786-32-765-1 (WITH CENTRAL SPACER HEIGHT = 12 MM) UMKN-2-786-32-765-3 (WITH CENTRAL SPACER HEIGHT = 22 MM)

INDIVIDUAL COMPONENTS CAN BE PURCHASED, SEE PAGE V

CHAIN LINK ASS'Y 0099-002-01-00

INDIVIDUAL COMPONENTS CAN BE PURCHASED, SEE PAGE VII

GRIPPERS (SPINDLE TIP)

UM CAN DESIGN A GRIPPER TO PERFECTLY FIT ANY PREFORM. SIMPLY PROVIDE A PREFORM DRAWING AND/OR SAMPLES.

INDIVIDUAL COMPONENTS CAN BE PURCHASED, SEE PAGE

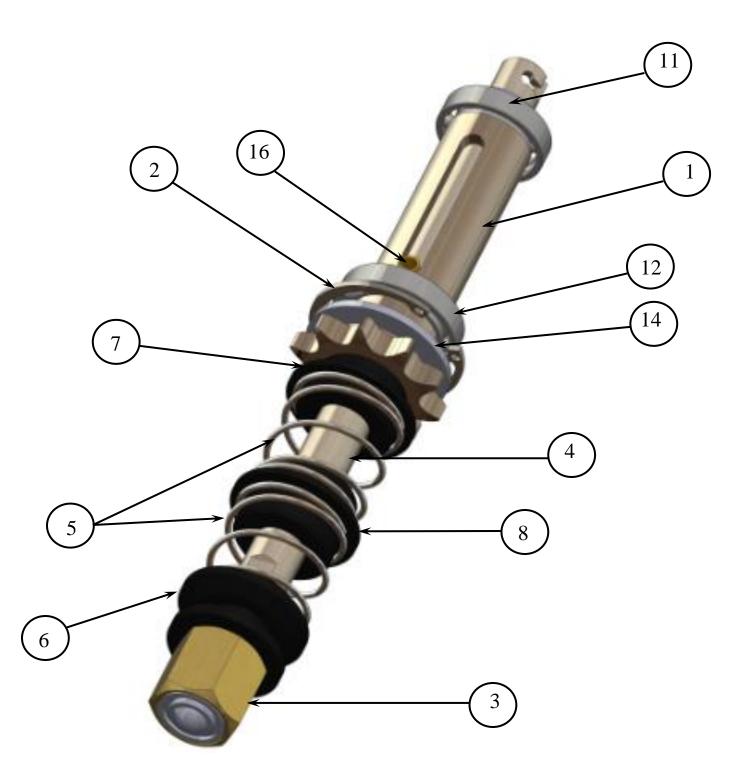






OVEN CHAIN: SPINDLE ASS'Y C2

ASSEMBLY DRAWING





SPINDLE BEARING LARGE 0099-003-01-02 INCLUDES #12 ON THE SPINDLE ASSEMBLY DRAWING

0099-003-01-03 INCLUDES #11 ON THE SPINDLE ASSEMBLY DRAWING

SPINDLE BEARING SMALL

SPACER

0099-003-01-04 INCLUDES #14 ON THE SPINDLE ASSEMBLY DRAWING

CIRCLIPS

0099-003-01-06 INCLUDES #2 ON THE SPINDLE ASSEMBLY DRAWING

SPRING PIN

0099-003-01-07 INCLUDES #16 ON THE SPINDLE ASSEMBLY DRAWING

MAIN SHAFT

UMKN-1-786-32-318-0 **INCLUDES #4 ON THE SPINDLE ASSEMBLY DRAWING**















BUSHING 0099-003-01-13

CENTRAL SPACER 0099-003-01-14

INCLUDES #8 ON THE SPINDLE ASSEMBLY DRAWING AVAILABLE IN TWO DIFFERENT HEIGHTS 12 AND 22 MM

TOP SPACER 0099-003-01-12 INCLUDES #7 ON THE SPINDLE ASSEMBLY DRAWING

BOTTOM SPACER 0099-003-01-11 INCLUDES #6 ON THE SPINDLE ASSEMBLY DRAWING







SIMPLIFY YOUR INVENTORY WITH UM SPECIAL MAINTENANCE KITS!!!

ONE INVENTORY PART # WITH EVERYTHING YOU NEED FOR YOUR ANNUAL MAINTENANCE

SPINDLE COMPLETE WEARING PARTS 0099-003-01-90 Includes #5(x2), 7, 9(x2), 16 on the Spindle Assembly Drawing



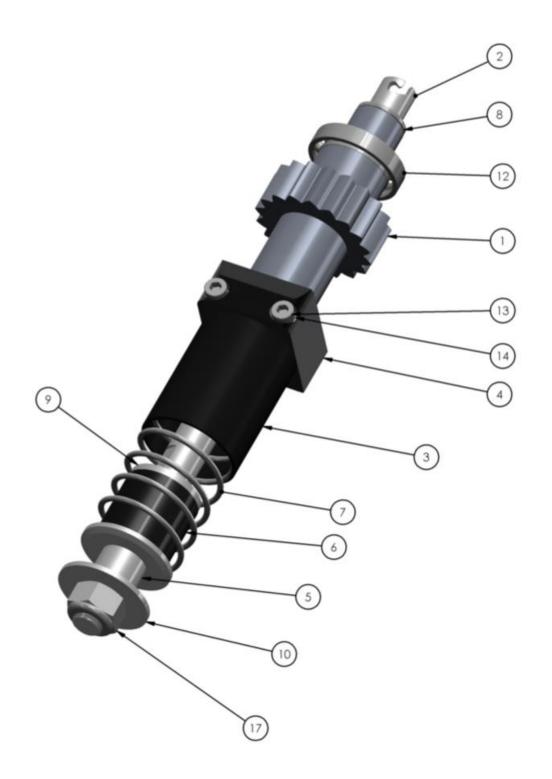
SPINDLE WEARING PARTS 0099-003-01-92 Includes #5(x2), #7, 9(x2), 11, 12, 16 on the Spindle Assembly Drawing

SPINDLE WEARING PARTS (WITHOUT SPRINGS) 0099-003-01-93 INCLUDES #7, 9(x2), 16 ON THE SPINDLE ASSEMBLY DRAWING



OVEN CHAIN: SPINDLE ASS'Y C3

ASSEMBLY DRAWING



BUSHING 0099-003-01-13

SPINDLE BEARING LARGE 0099-003-01-02 Includes #12 on the Spindle Assembly Drawing

TRAINING GEAR 0099-403-25-11 Includes #1 on the Spindle Assembly Drawing

SHORT SPACER

0099-003-01-25 Includes #5 on the Spindle Assembly Drawing

ANGLED WASHER

0099-003-01-27 Includes #10 on the Spindle Assembly Drawing

SPRING 0099-403-25-03 Includes #7 on the Spindle Assembly Drawing

BLACK SPACER 0099-003-01-24 Includes #6 on the Spindle Assembly Drawing

FLAT WASHER 0099-003-01-26 Includes #9 on the Spindle Assembly Drawing













SPRING CAGE 0099-403-25-04 Includes #3 on the Spindle Assembly Drawing

BEARING CAGE 0099-403-25-05 Includes #4 on the Spindle Assembly Drawing

SPINDLE SHAFT 0099-003-01-23 Includes #2 on the Spindle Assembly Drawing

TIP END FLAT WASHER 0099-403-25-06 Includes #8 on the Spindle Assembly Drawing

SAFETY BOLT Includes #17 on the Spindle Assembly Drawing

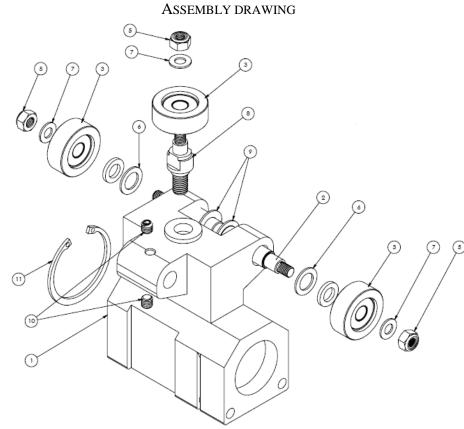








OVEN CHAIN: CHAIN LINK ASS'Y



OVEN CHAIN REPLACEMENT PARTS (WITHOUT SIDE SHAFT) 0099-002-01-15 INCLUDES #2, 3(x3), 5(x3), 6(x2), 7(x2), 9(x2) ON ASSEMBLY DRAWING



INDIVIDUAL COMPONENTS CAN BE PURCHASED, SEE PAGE IX

Oven Chain Complete Replacement Parts 0099-002-01-18 Includes #2, 3(x3), 5(x3), 6(x2), 7(x2), 8, 9(x2) on the assembly drawing



CHAIN LINK UMKN-0900569396 Includes #1 on Assembly drawing



OVEN CHAIN SHAFT LINK 0099-002-01-01 Includes #2 on the assembly drawing

OVEN CHAIN SIDE WHEEL SHAFT 0099-002-01-03

Includes #8 on the assembly drawing

OVEN CHAIN BUSHING

0099-002-01-05 INCLUDES #9 ON THE ASSEMBLY DRAWING

OVEN CHAIN COOLING SHIELD CUSTOM COMPONENT

UM can design a cooling Shield to perfectly fit any preform Simply provide a preform drawing and/or sample.













OVEN CHAIN KITS (Other models available)



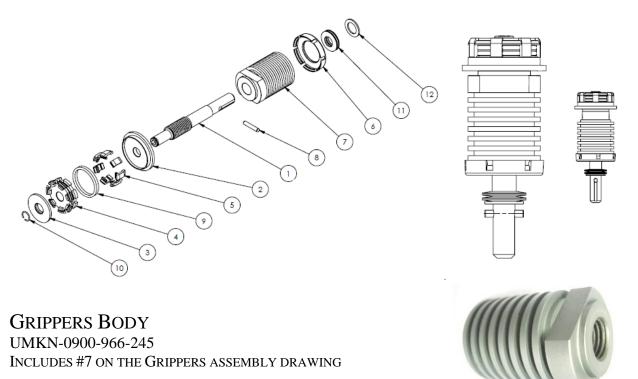
OVEN CHAIN KITS UMKN-0-900-37-702-2 Includes all the Components shown into pictures above.

OVEN CHAIN WHEEL UMKN-0-900-866-527



OVEN CHAIN: GRIPPERS

ASSEMBLY DRAWING



ALL OTHER GRIPPER COMPONENTS CAN BE PROVIDED UPON REQUEST.

SIMPLY PROVIDE YOUR PREFORM DRAWING TO UM ENGINEERING TEAM AND WE WILL MAKE SURE TO MEET YOUR REQUEST.

TRANSFER

TRANSFER GRIPPERS CUSTOM COMPONENTS

UM CAN DESIGN A PAIR OF TRANSFER GRIPPERS TO PERFECTLY FIT ANY PREFORMS.

SIMPLY PROVIDE A PREFORM DRAWING AND/OR A SAMPLE.



BLOWING STATION



SOLENOID VALVE CONTIFORM SK 0099-007-01-00



SOLENOID VALVE CONTIFORM S 0099-007-03-00



VALVE CONTIFORM S WEAR PART KITS # 698994 UMKN-0901034005





AIR DISTRIBUTOR REBUILD UMKN-11177506-007

INCLUDES: NEW SEALS, RESURFACING OF DAMAGED SURFACES, FULLY TESTED, 3-MONTH WARRANTY

VALVE PISTON UMKN-45907364

COMPENSATION VALVES REBUILD 0099-007-02-00

INCLUDES: NEW PISTON, REBUILT INNER BORE, FULLY TESTED

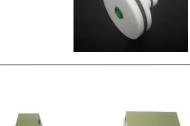
VALVES CYLINDER GUIDE UMKN-48734444

VALVES CYLINDER GUIDE UMKN-48734558

STRETCH ROD BUSHING UMKN-1780500670

STRETCH ROD BUSHING UMKN-1788331140

VALVES CYLINDER GUIDE CONTIFORM S 0099-007-02-21















KRONES PISTON AND CYLINDER GUIDE ASSY, P1 UMKN-0901087257 ALSO SOLD SEPARATELY PISTON: UMKN-0901087259 CYLINDER GUIDE: 0099-007-02-49

KRONES PISTON AND CYLINDER GUIDE ASSY, P2



ALSO SOLD SEPARATELY PISTON: UMKN-45907364 CYLINDER GUIDE: 0099-007-02-50

UMKN-0901087559-A ALSO SOLD SEPARATELY PISTON: UMKN-0901087259 CYLINDER GUIDE: 0099-007-02-51

KRONES PISTON AND CYLINDER GUIDE ASSY, P2,P3 UMKN-0901203314

- 21 -







BLOWING STATION : WATER JACKETS

WATER JACKETS

MADE WITH AN IMPROVED GRADE OF MATERIAL

SAME WARRANTY AS $\ensuremath{\mathsf{OEM}}$





CAM WHEEL & GUIDES



GUIDE CONTIFORM S UMKN-0-901-288-779



ACTUATOR WHEEL



CAM FOLLOWER



UM GENERAL INFORMATION

About us

Founded in 1976, UM Inc has been an industry pioneer by focusing on the synergy between the skills of our engineering team and the versatility of our manufacturing department at the leading edge of technologies. This structure allows us to offer very high quality products and an enormous variety of services in any specialized areas.

Our mission

We are committed to develop and maintain a growing association with our clients, by creating new and innovative products that improve the quality of their own machinery.



For more information, please visit our official website at www.um-inc.com