



DOUBLE KNIT | UTX HI SPEED SERIES KEY FEATURES

ULTRA PRECISION

Double Track Single Key System | Simple Feeder Adjustment

HIGH SPEED

High Speed Cams Design

STABILITY

In-house Manufacturing Of All Critical Components

REPEATABILITY

Transferable Setting To Various Machines To Achieve Same Fabric Quality

| SERIES | MODEL | TYPE | FEEDER PER INCH | AVAILABLE GAUGES | AVAILABLE DIAMETERS |
|--------------|--------|-----------|-----------------|------------------|---------------------|
| UTX HI-SPEED | 1.8 RB | Rib | 1.8 | 12G - 20G | 28" - 52" |
| UTX HI-SPEED | 3.6 DK | Interlock | 3.6 | 16G - 32G | 28" - 52" |
| UTX HI-SPEED | 2 DE | 8-Lock | 2.0 | 12G - 32G | 28" - 52" |

TECHNICAL SPECIFICATIONS



FABRIC APPLICATION

Plush | Interlock | 8-lock | Rib



QUICK CYLINDER CHANGE SYSTEM

Easy To Change From Rib To Interlock By Removing And Installing Cylinder And Dial At The Same Time



CYLINDER CAMS

4 Tracks for Knit, Tuck & Miss Cams with Overlapping Joints Mounted On A Common Key



DIAL CAMS

Double Track Single Key System For Convenient Adjustment



YARN FEEDING DESIGN

Easy To Adjust All Feeder Simultaneously | Provision For Spandex Feeding Kit



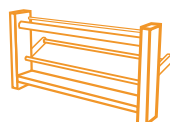
VARIOUS YARN TYPES

Silk | Cotton | Blend | Polyester | Viscose | Synthetic Fibres | Wool | Lycra Plating Optional



OVERALL PRECISION

Low Noise | Less Friction | Higher RPM



TAKE UP SYSTEM

Rolling 25Kg | Rolling & Folding | Open Width (25kg, 60kg) | Jumbo 120kg | Super Jumbo 200kg | Offset | Offset Rolling | Centre 40kg /60kg



KNITTING NEEDLES

122 & 74 Series (2.1 DE) | 105 & 65 Series (2.4 DE) Available Thickness : 0.36 - 0.8



HIGH PRECISION CAMS

In House Production Of Cams For Longer Sinker & Needle Lifespan | Easily Adjustable Via Accurate Scale



RACE WIRE BEARING

Precise Race Wire Bearing From UK & Gears Submerged In Oil Baths To Reduce Heat & Ensure Longer Life Span and Precise Transmission



FAN BLOWER

Powerful Fans & Blowers Ensures Loop Formation In A Clean Environment For A First Class Quality Fabric



ONE WAY BEARING

Prevents Backlash Movement After Sudden Machine Stoppage



WASTE NEEDLE OIL SUMP

Needle & Gear Lubricant Separated To Prevent Contamination & Leakage

MACHINE **PRODUCTIVITY** *BASED ON 34" DIAMETER MACHINE

| GAUGE MODEL | FABRIC | YARN | YARN LENGTH (CM) | WIDTH (CM) | SPEED (RPM) | YIELD KG/H |
|---------------|-----------|------|------------------|------------|-------------|------------|
| 18G 1.8 RB | 1 x 1 Rib | 20S | 28 | 79 | 26 | 20 |
| 24G 3.6 DK | INTERLOCK | 30S | 34 | 88 | 23 | 22 |
| 18G 2 DE | 1 x 1 Rib | 30S | 28 | 88 | 25 | 21 |
| 24G 2 DE | INTERLOCK | 32S | 36 | 88 | 27 | 20 |
| 24G 2 DE | INTERLOCK | 40S | 29 | 86 | 27 | 18 |
| 18G 1.8 RB | 1 x 1 Rib | 24S | 27 | 89 | 27 | 20 |

CYLINDER CUTS | **UTX HI SPEED**

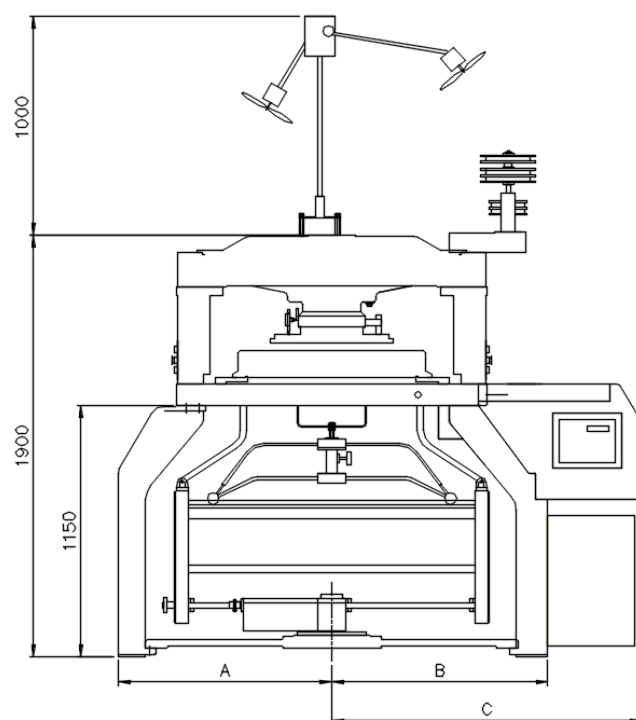
| | GAUGES | | | | | | | | | | | | |
|-----|--------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 12G | 14G | 16G | 18G | 20G | 22G | 24G | 26G | 28G | 30G | 32G | 34G | 36G |
| 24" | 900 | 1068 | 1200 | 1344 | 1500 | 1656 | 1800 | 1956 | 2112 | 2256 | 2400 | 2568 | 2712 |
| 26" | 972 | 1128 | 1320 | 1464 | 1632 | 1800 | 1944 | 2136 | 2280 | 2448 | 2616 | 2760 | 2928 |
| 28" | 1056 | 1224 | 1416 | 1584 | 1752 | 1944 | 2112 | 2280 | 2472 | 2640 | 2808 | 2976 | 3168 |
| 30" | 1128 | 1320 | 1500 | 1692 | 1872 | 2064 | 2256 | 2256 | 2640 | 2808 | 3000 | 3192 | 3384 |
| 32" | 1200 | 1416 | 1608 | 1812 | 2004 | 2208 | 2412 | 2612 | 2808 | 3000 | 3216 | 3408 | 3624 |
| 34" | 1272 | 1488 | 1704 | 1920 | 2136 | 2340 | 2544 | 2760 | 3000 | 3204 | 3408 | 3624 | 3840 |
| 36" | 1344 | 1584 | 1800 | 2040 | 2256 | 2472 | 2700 | 2928 | 3168 | 3384 | 3624 | 3840 | 4056 |
| 38" | 1440 | 1656 | 1920 | 2136 | 2376 | 2484 | 2856 | 3096 | 3336 | 3576 | 3816 | 4056 | 4296 |
| 40" | 1512 | 1752 | 1992 | 2256 | 2496 | 2760 | 3000 | 3264 | 3528 | 3768 | 4008 | 4272 | 4512 |
| 42" | 1572 | 1836 | 2112 | 2352 | 2616 | 2892 | 3168 | 3420 | 3696 | 3980 | 4224 | 4488 | 4752 |
| 44" | 1656 | 1920 | 2208 | 2472 | 2760 | 3024 | 3312 | 3576 | 3864 | 4152 | 4416 | 4704 | 4968 |
| 46" | 1728 | 2016 | 2304 | 2592 | 2880 | 3168 | 3456 | 3744 | 4032 | 4320 | 4608 | 4896 | 5208 |
| 48" | 1812 | 2112 | 2400 | 2712 | 3000 | 3312 | 3624 | 3912 | 4224 | 4512 | 4824 | 5112 | 5424 |

FEEDER | **UTX HI SPEED**

| MC | 1.8 RB/DF | 2.1 DE | 2.4 DE | 3.2 DK | 3.6 DK |
|-----|-----------|--------|--------|--------|--------|
| 10" | 18 | - | - | - | - |
| 12" | 20 | - | - | - | - |
| 14" | 24 | - | - | - | - |
| 16" | 28 | - | - | - | - |
| 18" | 32 | 36 | - | - | - |
| 20" | 36 | 42 | - | - | - |
| 22" | 38 | 46 | - | - | - |
| 24" | 42 | 50 | 56 | - | - |
| 26" | 46 | 54 | 62 | 82 | - |
| 28" | 50 | 58 | 66 | 88 | - |
| 30" | 54 | 62 | 72 | 96 | 108 |
| 32" | 56 | 66 | 76 | 102 | 114 |
| 34" | 60 | 72 | 84 | 108 | 122 |
| 36" | 64 | 78 | 86 | 116 | 130 |
| 38" | 68 | 78 | 90 | 120 | 136 |
| 40" | 72 | 84 | 96 | 128 | 144 |
| 42" | 74 | 88 | 100 | 134 | 150 |
| 44" | 78 | 92 | 106 | 140 | 158 |
| 46" | 82 | 96 | 110 | 146 | 164 |
| 48" | 86 | 100 | 114 | 152 | 172 |
| 50" | 90 | 104 | 120 | 160 | 180 |
| 52" | 92 | 108 | 124 | 166 | 186 |

MACHINE | **DIMENSIONS**

| DIAMETER | A (mm) | B (mm) | C (mm) |
|-----------|--------|--------|--------|
| 10" - 16" | 690 | 710 | 1110 |
| 17" - 22" | 770 | 790 | 1170 |
| 23" - 28" | 900 | 910 | 1350 |
| 30" - 34" | 980 | 990 | 1430 |
| 36" - 38" | 1030 | 1040 | 1480 |
| 40" - 44" | 1110 | 1120 | 1560 |
| 46" - 52" | 1210 | 1220 | 1705 |



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