

# 1WTTC-1000 Wheel Type Tube Cutter

The 1WTTC-1000 greatly reduces cutting time by utilizing the special 1 point self-centering cutter wheel design and works with 3/4", thru 1-1/4" O.D. tubes (after changing cutter body wheels and pilots). The tool does not create any chips during the cutting process!



| CUTTING RANGE   |            | REACH           |       | POWER   | FREE SPEED | TORQUE     |        |
|-----------------|------------|-----------------|-------|---------|------------|------------|--------|
| 5/8" to 4"      |            | 3" & 6"         |       | 1,3 Hp  | 100 Rpm    | 105 Ft.Lbs |        |
| 15,8 - 101,6 mm |            | 76,2 & 152,4 mm |       | 0,97 kW |            | 140 Nm     |        |
| AIR USE         |            | WIDTH           |       | HEIGHT  |            | WEIGHT     |        |
| 55 cfm          | 1,3 m³/min | 2,32"           | 59 mm | 13,1"   | 335 mm     | 15 Lbs     | 6,8 kg |

## TRIMMING ATTACHMENT



Tube projection can be cut quickly without generating any chips!

## OPTIONAL FEED SYSTEMS



Lever feed handle



Crank arm with double feed stroke

| TUBE OD |       | TUBE GAUGE | TOOL NR      | WHEEL HOLDER | WHEEL PIN | CUTTING      |            |               | TRIMMING        |              |                 | BODY        |
|---------|-------|------------|--------------|--------------|-----------|--------------|------------|---------------|-----------------|--------------|-----------------|-------------|
| [INCH]  | [MM]  | [BWG]      |              |              |           | CUTTER WHEEL | PILOT      | THRUST COLLAR | TRIMMING COLLAR | PILOT        | PILOT EXTENSION |             |
| 3/4     | 19,05 | 13         | 1WTTC-750-13 | 1CCWH-190    | CP-20     | CW-21        | Solid Body | SWTC-750-13   | WTTA-750-13     | Solid body   | Solid body      | 1WTB-750-13 |
|         |       | 14         | 1CCWH-190    | CW-21        |           | P-008        | SWTC-750   | WTTA-750      | T-8             | PE-1WTTC-190 | 1WTB-750        |             |
|         |       | 15         |              | CW-21        |           | P-009        |            |               | T-9             |              |                 |             |
|         |       | 16         |              | CW-21        |           | P-010        |            |               | T-10            |              |                 |             |
|         |       | 17         |              | CW-21        |           | P-011        |            |               | T-11            |              |                 |             |
|         |       | 18         |              | CW-21        |           | P-012        |            |               | T-12            |              |                 |             |
|         |       | 19         | 1CCWH-19-2   | CW-21        |           | P-013        |            |               | T-13            |              |                 |             |
|         |       | 20         |              | CW-21        |           | P-014        |            |               | T-14            |              |                 |             |
|         |       | 21         |              | CW-21        |           | P-015        |            |               | T-15            |              |                 |             |
|         |       | 22         |              | CW-21        |           | P-016        |            |               | T-16            |              |                 |             |
|         |       | 23         |              | CW-21        |           | P-017        |            |               | T-17            |              |                 |             |
|         |       | 24         |              | CW-31        |           | P-018        |            |               | T-18            |              |                 |             |
| 7/8     | 22,23 | 14         | 1WTTC-875    | 1CCWH-222    | CP-21     | CW-25        |            |               | P-019           |              |                 | SWTC-875    |
|         |       | 15         |              |              |           | CW-25        | P-020      | T-20          |                 |              |                 |             |
|         |       | 16         |              |              |           | CW-25        | P-021      | T-21          |                 |              |                 |             |
|         |       | 17         |              |              |           | CW-25        | P-022      | T-22          |                 |              |                 |             |
|         |       | 18         |              | 1CCWH-222-2  |           | CW-25        | P-023      | T-23          |                 |              |                 |             |
|         |       | 19         |              |              |           | CW-25        | P-024      | T-24          |                 |              |                 |             |
|         |       | 20         |              |              |           | CW-25        | P-025      | T-25          |                 |              |                 |             |
|         |       | 21         |              |              |           | CW-25        | P-026      | T-26          |                 |              |                 |             |
|         |       | 22         |              |              |           | CW-25        | P-027      | T-27          |                 |              |                 |             |
|         |       | 23         |              |              |           | CW-25        | P-028      | T-28          |                 |              |                 |             |

\* For 3/4" GA13 the cutting machine needs complete solid body tube cutter 1WTTC-750-13

# 1WTTC-1000 Wheel Type Tube Cutter

| TUBE OD |       | TUBE GAUGE | TOOL NR     | WHEEL HOLDER | WHEEL PIN | CUTTING      |         |               | TRIMMING        |        |                 | BODY      |
|---------|-------|------------|-------------|--------------|-----------|--------------|---------|---------------|-----------------|--------|-----------------|-----------|
| [INCH]  | [MM]  | [BWG]      |             |              |           | CUTTER WHEEL | PILOT   | THRUST COLLAR | TRIMMING COLLAR | PILOT  | PILOT EXTENSION |           |
| 1       | 25.40 | 12         | 1WTTC-1000  | 1CCWH-254    | CP-25     | CW-31        | P-029-1 | SWTC-1000     | WTTA-1000       | T-29-1 | PE-1WTTC-254    | 1WTB-1000 |
|         |       | 13         |             |              |           | CW-31        | P-029-2 |               |                 | T-29-2 |                 |           |
|         |       | 14         |             |              |           | CW-31        | P-029   |               |                 | T-29   |                 |           |
|         |       | 15         |             |              |           | CW-31        | P-030   |               |                 | T-30   |                 |           |
|         |       | 16         |             |              |           | CW-31        | P-031   |               |                 | T-31   |                 |           |
|         |       | 17         |             |              |           | CW-31        | P-032   |               |                 | T-32   |                 |           |
|         |       | 18         | 1CCWH-254-2 | CW-31        |           | P-033        | T-33    |               |                 |        |                 |           |
|         |       | 19         |             | CW-31        |           | P-034        | T-34    |               |                 |        |                 |           |
|         |       | 20         |             | CW-31        |           | P-035        | T-35    |               |                 |        |                 |           |
|         |       | 21         |             | CW-31        |           | P-036        | T-36    |               |                 |        |                 |           |
|         |       | 22         |             | CW-31        |           | P-037        | T-37    |               |                 |        |                 |           |
|         |       | 23         |             | CW-31        |           | P-038        | T-38    |               |                 |        |                 |           |
| 24      | CW-31 | P-039      | T-39        |              |           |              |         |               |                 |        |                 |           |
| 1 1/8   | 28.58 | 12         | 1WTTC-1125  | 1CCWH-286    | CP-25     | CW-34        | P-040-1 | SWTC-1125     | WTTA-1125       | T-40-1 | PE-1WTTC-286    | 1WTB-1125 |
|         |       | 13         |             |              |           | CW-34        | P-040-2 |               |                 | T-40-2 |                 |           |
|         |       | 14         |             |              |           | CW-34        | P-040   |               |                 | T-40   |                 |           |
|         |       | 15         |             |              |           | CW-34        | P-041   |               |                 | T-41   |                 |           |
|         |       | 16         |             |              |           | CW-34        | P-042   |               |                 | T-42   |                 |           |
|         |       | 17         |             |              |           | CW-34        | P-043   |               |                 | T-43   |                 |           |
|         |       | 18         | 1CCWH-286-2 | CW-34        |           | P-044        | T-44    |               |                 |        |                 |           |
|         |       | 19         |             | CW-34        |           | P-045        | T-45    |               |                 |        |                 |           |
|         |       | 20         |             | CW-34        |           | P-046        | T-46    |               |                 |        |                 |           |
|         |       | 21         |             | CW-34        |           | P-047        | T-47    |               |                 |        |                 |           |
|         |       | 22         |             | CW-34        |           | P-048        | T-48    |               |                 |        |                 |           |
|         |       | 23         |             | CW-34        |           | P-049        | T-49    |               |                 |        |                 |           |
| 24      | CW-34 | P-050      | T-50        |              |           |              |         |               |                 |        |                 |           |
| 1 1/4   | 31.75 | 12         | 1WTTC-1250  | 1CCWH-317    | CP-30     | CW-37        | P-051   | SWTC-1250     | WTTA-1250       | T-51   | PE-1WTTC-317    | 1WTB-1250 |
|         |       | 13         |             |              |           | CW-37        | P-052   |               |                 | T-52   |                 |           |
|         |       | 14         |             |              |           | CW-37        | P-053   |               |                 | T-53   |                 |           |
|         |       | 15         |             |              |           | CW-37        | P-054   |               |                 | T-54   |                 |           |
|         |       | 16         |             |              |           | CW-37        | P-055   |               |                 | T-55   |                 |           |
|         |       | 17         |             |              |           | CW-37        | P-056   |               |                 | T-56   |                 |           |
|         |       | 18         | 1CCWH-317-2 | CW-37        |           | P-057        | T-57    |               |                 |        |                 |           |
|         |       | 19         |             | CW-37        |           | P-058        | T-58    |               |                 |        |                 |           |
|         |       | 20         |             | CW-37        |           | P-059        | T-59    |               |                 |        |                 |           |
|         |       | 21         |             | CW-37        |           | P-060        | T-60    |               |                 |        |                 |           |
|         |       | 22         |             | CW-37        |           | P-061        | T-61    |               |                 |        |                 |           |
|         |       | 23         |             | CW-37        |           | P-062        | T-62    |               |                 |        |                 |           |
| 24      | CW-37 | P-063      | T-63        |              |           |              |         |               |                 |        |                 |           |
| 1 1/2   | 38,1  | 10         | 1WTTC-1500  | 1CCWH-381    | CP-4      | CW-41        | P-064   | SWTC-1500     | WTTA-1500       | T-64   | PE-1WTTC-381    | 1WBT-1500 |
|         |       | 11         |             |              |           | CW-41        | P-065   |               |                 | T-65   |                 |           |
|         |       | 12         |             |              |           | CW-41        | P-066   |               |                 | T-66   |                 |           |
|         |       | 13         |             |              |           | CW-41        | P-067   |               |                 | T-67   |                 |           |
|         |       | 14         |             |              |           | CW-41        | P-068   |               |                 | T-68   |                 |           |
|         |       | 15         |             |              |           | CW-41        | P-069   |               |                 | T-69   |                 |           |
|         |       | 16         | 1CCWH-383   | CW-41        |           | P-070        | T-70    |               |                 |        |                 |           |
|         |       | 17         |             | CW-41        |           | P-071        | T-71    |               |                 |        |                 |           |
|         |       | 18         |             | CW-41        |           | P-072        | T-72    |               |                 |        |                 |           |
|         |       | 19         |             | CW-41        |           | P-073        | T-73    |               |                 |        |                 |           |
|         |       | 20         |             | CW-41        |           | P-074        | T-74    |               |                 |        |                 |           |
|         |       | 21         |             | CW-41        |           | P-075        | T-75    |               |                 |        |                 |           |
| 22      | CW-41 | P-076      | T-76        |              |           |              |         |               |                 |        |                 |           |
| 23      | CW-41 | P-077      | T-77        |              |           |              |         |               |                 |        |                 |           |
| 24      | CW-41 | P-078      | T-78        |              |           |              |         |               |                 |        |                 |           |

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| TUBE OD |       | TUBE GAUGE | TOOL NR    | WHEEL HOLDER | WHEEL PIN | CUTTING      |       |               | TRIMMING        |           |                 | BODY         |           |
|---------|-------|------------|------------|--------------|-----------|--------------|-------|---------------|-----------------|-----------|-----------------|--------------|-----------|
| [INCH]  | [MM]  | [BWG]      |            |              |           | CUTTER WHEEL | PILOT | THRUST COLLAR | TRIMMING COLLAR | PILOT     | PILOT EXTENSION |              |           |
| 1 3/4   | 44,45 | 8          | 1WTTC-1750 | 1CCWH-444    | CP-4      | CW-45        | P-079 | SWTC-1750     | WTTA-1750       | T-79      | PE-1WTTC-444    | 1WBT-1750    |           |
|         |       | CW-45      |            |              |           | P-080        | T-80  |               |                 |           |                 |              |           |
|         |       | CW-45      |            |              |           | P-081        | T-81  |               |                 |           |                 |              |           |
|         |       | CW-45      |            |              |           | P-082        | T-82  |               |                 |           |                 |              |           |
|         |       | CW-45      |            |              |           | P-083        | T-83  |               |                 |           |                 |              |           |
|         |       | CW-45      |            |              |           | P-084        | T-84  |               |                 |           |                 |              |           |
|         |       | 14         |            | 1CCWH-445    |           | CW-45        | P-085 |               |                 | T-85      |                 |              |           |
|         |       | 15         |            |              |           | CW-45        | P-086 |               |                 | T-86      |                 |              |           |
|         |       | 16         |            |              |           | CW-45        | P-087 |               |                 | T-87      |                 |              |           |
|         |       | 17         |            |              |           | CW-45        | P-088 |               |                 | T-88      |                 |              |           |
|         |       | 18         |            |              |           | CW-45        | P-089 |               |                 | T-89      |                 |              |           |
|         |       | 19         |            |              |           | CW-45        | P-090 |               |                 | T-90      |                 |              |           |
|         |       | 20         |            |              |           | CW-45        | P-091 |               |                 | T-91      |                 |              |           |
| 2       | 50,8  | 6          | 1WTTC-2000 | 1CCWH-508    | CP-4      | CW-51        | P-092 | SWTC-2000     | WTTA-2000       | T-92      | PE-1WTTC-508    | 1WBT-2000    |           |
|         |       | CW-51      |            |              |           | P-093        | T-93  |               |                 |           |                 |              |           |
|         |       | CW-51      |            |              |           | P-094        | T-94  |               |                 |           |                 |              |           |
|         |       | CW-51      |            |              |           | P-095        | T-95  |               |                 |           |                 |              |           |
|         |       | CW-51      |            |              |           | P-096        | T-96  |               |                 |           |                 |              |           |
|         |       | CW-51      |            |              |           | P-097        | T-97  |               |                 |           |                 |              |           |
|         |       | 12         |            | 1CCWH-506    |           | CW-51        | P-098 |               |                 | T-98      |                 |              |           |
|         |       | 13         |            |              |           | CW-51        | P-099 |               |                 | T-99      |                 |              |           |
|         |       | 14         |            |              |           | CW-51        | P-100 |               |                 | T-100     |                 |              |           |
|         |       | 15         |            |              |           | CW-51        | P-101 |               |                 | T-101     |                 |              |           |
|         |       | 16         |            |              |           | CW-51        | P-102 |               |                 | T-102     |                 |              |           |
|         |       | 17         |            |              |           | CW-51        | P-103 |               |                 | T-103     |                 |              |           |
|         |       | 18         |            |              |           | 1CCWH-504    | CW-51 |               |                 | P-104     |                 |              | T-104     |
| 19      | CW-51 | P-105      | T-105      |              |           |              |       |               |                 |           |                 |              |           |
| 20      | CW-51 | P-106      | T-106      |              |           |              |       |               |                 |           |                 |              |           |
| 2 1/4   | 57,1  | 6          | 1WTTC-2000 | 1CCWH-571    | CP-4      |              | CW-51 | P-107         | SWTC-2250       | WTTA-2250 | T-107           | PE-1WTTC-508 | 1WBT-2000 |
|         |       | CW-51      |            |              |           | P-108        | T-108 |               |                 |           |                 |              |           |
|         |       | CW-51      |            |              |           | P-109        | T-109 |               |                 |           |                 |              |           |
|         |       | CW-51      |            |              |           | P-110        | T-110 |               |                 |           |                 |              |           |
|         |       | CW-51      |            |              |           | P-111        | T-111 |               |                 |           |                 |              |           |
|         |       | CW-51      |            |              |           | P-112        | T-112 |               |                 |           |                 |              |           |
|         |       | 12         |            | 1CCWH-573    |           | CW-51        | P-113 | T-113         |                 |           |                 |              |           |
|         |       | 13         |            |              |           | CW-51        | P-114 | T-114         |                 |           |                 |              |           |
|         |       | 14         |            |              |           | CW-51        | P-115 | T-115         |                 |           |                 |              |           |
|         |       | 15         |            |              |           | CW-51        | P-116 | T-116         |                 |           |                 |              |           |
|         |       | 16         |            |              |           | 1CCWH-575    | CW-51 | P-117         |                 |           | T-117           |              |           |
|         |       | 17         |            |              |           |              | CW-51 | P-118         |                 |           | T-118           |              |           |
|         |       | 18         |            |              |           |              | CW-51 | P-119         |                 |           | T-119           |              |           |
| 19      | CW-51 | P-120      | T-120      |              |           |              |       |               |                 |           |                 |              |           |
| 20      | CW-51 | P-121      | T-121      |              |           |              |       |               |                 |           |                 |              |           |

# 1WTTC-1000 Wheel Type Tube Cutter

| TUBE OD |       | TUBE GAUGE | TOOL NR    | WHEEL HOLDER | WHEEL PIN | CUTTING      |       |               | TRIMMING        |       |                 | BODY      |
|---------|-------|------------|------------|--------------|-----------|--------------|-------|---------------|-----------------|-------|-----------------|-----------|
| [INCH]  | [MM]  | [BWG]      |            |              |           | CUTTER WHEEL | PILOT | THRUST COLLAR | TRIMMING COLLAR | PILOT | PILOT EXTENSION |           |
| 2,5     | 63,5  | 6          | 1WTTC-2000 | 1CCWH-635    | CP-4      | CW-51        | P-122 | SWTC-2500     | WTTA-2500       | T-122 | PE-1WTTC-508    | 1WBT-2000 |
|         |       | 7          |            |              |           | CW-51        | P-123 |               |                 | T-123 |                 |           |
|         |       | 8          |            |              |           | CW-51        | P-124 |               |                 | T-124 |                 |           |
|         |       | 9          |            |              |           | CW-51        | P-125 |               |                 | T-125 |                 |           |
|         |       | 10         |            |              |           | CW-51        | P-126 |               |                 | T-126 |                 |           |
|         |       | 11         |            |              |           | CW-51        | P-127 |               |                 | T-127 |                 |           |
|         |       | 12         |            |              |           | CW-51        | P-128 |               |                 | T-128 |                 |           |
|         |       | 13         |            | 1CCWH-637    |           | CW-51        | P-129 |               |                 | T-129 |                 |           |
|         |       | 14         |            |              |           | CW-51        | P-130 |               |                 | T-130 |                 |           |
|         |       | 15         |            |              |           | CW-51        | P-131 |               |                 | T-131 |                 |           |
|         |       | 16         |            | 1CCWH-639    |           | CW-51        | P-132 |               |                 | T-132 |                 |           |
|         |       | 17         |            |              |           | CW-51        | P-133 |               |                 | T-133 |                 |           |
|         |       | 18         |            |              |           | CW-51        | P-134 |               |                 | T-134 |                 |           |
|         |       | 19         |            |              |           | CW-51        | P-135 |               |                 | T-135 |                 |           |
|         |       | 20         |            |              |           | CW-51        | P-136 |               |                 | T-136 |                 |           |
| 3       | 76,2  | 6          | 1WTTC-2000 | 1CCWH-762    | CP-4      | CW-51        | P-137 | SWTC-3000     | WTTA-3000       | T-137 | PE-1WTTC-508    | 1WBT-2000 |
|         |       | 7          |            |              |           | CW-51        | P-138 |               |                 | T-138 |                 |           |
|         |       | 8          |            |              |           | CW-51        | P-139 |               |                 | T-139 |                 |           |
|         |       | 9          |            |              |           | CW-51        | P-140 |               |                 | T-140 |                 |           |
|         |       | 10         |            |              |           | CW-51        | P-141 |               |                 | T-141 |                 |           |
|         |       | 11         |            |              |           | CW-51        | P-142 |               |                 | T-142 |                 |           |
|         |       | 12         |            |              |           | CW-51        | P-143 |               |                 | T-143 |                 |           |
|         |       | 13         |            | 1CCWH-764    |           | CW-51        | P-144 |               |                 | T-144 |                 |           |
|         |       | 14         |            |              |           | CW-51        | P-145 |               |                 | T-145 |                 |           |
|         |       | 15         |            |              |           | CW-51        | P-146 |               |                 | T-146 |                 |           |
|         |       | 16         |            | 1CCWH-766    |           | CW-51        | P-147 |               |                 | T-147 |                 |           |
|         |       | 17         |            |              |           | CW-51        | P-148 |               |                 | T-148 |                 |           |
|         |       | 18         |            |              |           | CW-51        | P-149 |               |                 | T-149 |                 |           |
|         |       | 19         |            |              |           | CW-51        | P-150 |               |                 | T-150 |                 |           |
|         |       | 20         |            |              |           | CW-51        | P-151 |               |                 | T-151 |                 |           |
| 4       | 101,6 | 6          | 1WTTC-2000 | 1CCWH-101    | CP-4      | CW-51        | P-152 | SWTC-4000     | WTTA-4000       | T-152 | PE-1WTTC-508    | 1WBT-2000 |
|         |       | 7          |            |              |           | CW-51        | P-153 |               |                 | T-153 |                 |           |
|         |       | 8          |            |              |           | CW-51        | P-154 |               |                 | T-154 |                 |           |
|         |       | 9          |            |              |           | CW-51        | P-155 |               |                 | T-155 |                 |           |
|         |       | 10         |            |              |           | CW-51        | P-156 |               |                 | T-156 |                 |           |
|         |       | 11         |            |              |           | CW-51        | P-157 |               |                 | T-157 |                 |           |
|         |       | 12         |            |              |           | CW-51        | P-158 |               |                 | T-158 |                 |           |
|         |       | 13         |            | 1CCWH-103    |           | CW-51        | P-159 |               |                 | T-159 |                 |           |
|         |       | 14         |            |              |           | CW-51        | P-160 |               |                 | T-160 |                 |           |
|         |       | 15         |            |              |           | CW-51        | P-161 |               |                 | T-161 |                 |           |
|         |       | 16         |            | 1CCWH-105    |           | CW-51        | P-162 |               |                 | T-162 |                 |           |
|         |       | 17         |            |              |           | CW-51        | P-163 |               |                 | T-163 |                 |           |
|         |       | 18         |            |              |           | CW-51        | P-164 |               |                 | T-164 |                 |           |
|         |       | 19         |            |              |           | CW-51        | P-165 |               |                 | T-165 |                 |           |
|         |       | 20         |            |              |           | CW-51        | P-166 |               |                 | T-166 |                 |           |