

TUCKASEE IRRIGATION PTO WATER PUMPS



ALL PUMPS INCLUDE:

- 1) WATER COOLED GEARBOX
- 2) TWO WHEEL TRAILER
- 3) PTO SHAFT
- 4) CHECK VALVE
- 5) HAND PRIMER
- 6) SUCTION ADAPTER

DESIGN ADVANTAGES OF WATER COOLED OIL BATH LUBRICATED SPIRAL GEAR BOX DRIVE

LARGER, WIDER BEARINGS AND SPIRAL CUT GEARS PRODUCE A SMOOTH, CONSTANT POWER TRANSFER TO ACHIEVE LONGER BEARING, GEAR, PTO SHAFT AND TRACTOR LIFE.

WATER COOLED, OIL BATH LUBRICATION ASSURES MORE POSITIVE LUBRICATION AT LOWER OIL AND BEARING TEMPERATURES ALLOWING MORE HORSE POWER AND LONGER LIFE.

SMALLER IMPELLER DIAMETERS AT HIGHER RATIONAL SPEEDS IMPROVE PUMP EFFICIENCIES AND REDUCES GEAR TOOTH FACE PRESSURES TO DELIVER MORE WATER AT HIGHER HEAD PRESSURES ON LESS TRACTOR HORSE POWER.

HIGH PRESSURE

| <u>MODEL</u> | <u>SUCTION X DISCHARGE</u> | <u>CAPACITY US GPM</u> | <u>PSI</u> | <u>HP</u> |
|--------------|------------------------------------|----------------------------|------------|-----------|
| T2-65 | 4" X 2" FPT | 100-200 | 160-120 | 20-32 |
| T3-80A | 6" X 4" FPT | 200-400 | 170-140 | 36-60 |
| T4-100 | 6" X 4" FPT | 350-700 | 160-125 | 54-87 |
| T4-110 | 6" X 4" FPT | 400-800 | 200-175 | 80-115 |

MEDIUM PRESSURE

| <u>MODEL</u> | <u>SUCTION X DISCHARGE</u> | <u>CAPACITY US GPM</u> | <u>PSI</u> | <u>HP</u> |
|--------------|------------------------------------|----------------------------|------------|-----------|
| TOF-50 | 2" X 2" FPT | 40-120 | 75-65 | 9 |
| T1-80 | 4" X 4" FPT | 200-450 | 100-75 | 20-30 |
| T2-85 | 6" X 4" FPT | 300-550 | 120-80 | 28-44 |
| T3-110 | 6" X 4" FPT | 500-900 | 130-90 | 52-82 |
| MBN20 | 8" X 8" CLPG | 1600-2700 | 35-20 | 48-53 |

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