

(Deutz Cont'd)

ENGINE

Make ----- Deutz
 Model ----- F2L410
 Fuel ----- No. 2 Diesel
 Governed Flywheel Horsepower -- 24 @ 2700 RPM
 Maximum Torque ----- 47.4 ft. lbs. @ 2200 RPM
 Number of Cylinders ----- 2
 Bore & Stroke ----- 3.59 x 3.94
 Displacement ----- 78 cu. in.
 Cooling Medium ----- Air
 Lubrication ----- Pressure
 Lubrication Filtration ----- Replaceable element,
 full flow with bypass
 Crankcase Ventilation ----- Filtered road vent
 Air Cleaner ----- Replaceable dry cartridge type
 with condition indicator
 Preheater ----- Glow Plug

LOADER HYDRAULICS

Pump ----- Engine driven gear type
 Minimum Pump Capacity -- 9.2 GPM @ 2700 RPM
 System Relief Setting ----- 1700 PSI
 Filtration ----- Full flow on suction port of pump
 with bypass, condition indicator & 33 micron
 replaceable paper element.
 Cylinders ----- Doubleacting with Teflon seals &
 wear rings

Function	Lift	Tilt
Bore Diameter	2"	2"
Rod Diameter	1-1/4"	1"
Stroke	25"	16"

Valves -- Open center type with float detent on lift
 Fluid Lines ----- SAE standard full flow tubes,
 hoses & fittings

ELECTRICAL

Alternator ----- 22 amp. enclosed belt driven
 Battery ----- 70 amp.-hr. rating 12 volt
 Starter ----- Positive engagement dustproof 12 volt

POWER TRAIN

Transmission ----- Variable sheave type
 Clutches ----- 4 (2 each side) single disc pressure
 lubricated
 Primary Reduction ----- 3.45:1
 Secondary Reduction ----- 5.00:1
 Final Drive ----- #60H roller chain running in
 sealed oil bath (2.92:1 ratio)
 Total Engine to Wheel Reduction ----- Variable from
 41 to 110:1

CAPACITIES

Fuel ----- 10.5 gallons
 Engine Lubricant including Filter ----- 4 quarts
 Hydraulic Reservoir & Final Drive Case -- 17 gallons
 Hydraulic System ----- 20 gallons

TIRES

Standard ----- Melroe special bar 7:00 x 15-6
 ply nylon steel cap

COUNTERWEIGHT

Standard Cast Grill ----- 100 lbs.

MACHINE WEIGHT (Less Bucket)

Shipping ----- 3570 lbs.
 Shipping US Bureau of Mines Approved - 3810 lbs.

(Petter Cont'd)

ENGINE

Make ----- Petter
 Model ----- BA2R
 Fuel ----- No. 2 Diesel
 Governed Flywheel Horsepower -- 25 @ 3000 RPM
 Maximum Torque ----- 43 ft. lbs. @ 2400 RPM
 Number of Cylinders ----- 2
 Bore & Stroke ----- 3-1/2 x 3-5/8
 Displacement ----- 70 cu. in.
 Cooling Medium ----- Air
 Lubrication ----- Pressure
 Lubrication Filtration ----- Replaceable element,
 full flow with bypass
 Crankcase Ventilation -----
 Air Cleaner ----- Replaceable dry cartridge type with
 condition indicator

LOADER HYDRAULICS

Pump ----- Belt driven gear type
 Minimum Pump Capacity -- 8.7 GPM @ 3000 RPM
 System Relief Setting ----- 1700 PSI
 Filtration ----- Full flow on suction port of pump
 with bypass, condition indicator & 33 micron
 replaceable paper element.
 Cylinders ----- Doubleacting with Teflon
 seals & wear rings.

Function	Lift	Tilt
Bore Diameter	2"	2"
Rod Diameter	1-1/4"	1"
Stroke	25"	16"

Valves ----- Open center type with float detent
 on lift
 Fluid Lines ----- SAE standard full flow tubes,
 hoses & fittings

ELECTRICAL

Alternator ----- 22 amp. enclosed belt driven
 Battery ----- 70 amp.-hr. rating 12 volt
 Starter ----- Positive engagement dustproof 12 volt

POWER TRAIN

Transmission ----- Variable sheave type
 Clutches ----- 4 (2 each side) single disc pressure
 lubricated
 Primary Reduction ----- 3.00:1
 Secondary Reduction ----- 5.00:1
 Final Drive ----- #60H roller chain running in sealed
 oil bath (2.92:1 ratio)
 Total Engine to Wheel Reduction ----- Variable
 from 37.1 to 100:1

CAPACITIES

Fuel ----- 11 gallons
 Engine Lubricant including Filter ----- 10-1/2 pints
 Hydraulic Reservoir & Final Drive Case -- 17 gallons
 Hydraulic System ----- 20 gallons

TIRES

Standard ----- Melroe special bar 7:00 x 15-6
 ply nylon steel cap

COUNTERWEIGHT

Standard Cast Grill ----- 100 lbs.

MACHINE WEIGHT (Less Bucket)

Shipping ----- 3600 lbs.