



**Asset-Trade**

Assessment & Sale of Used Assets

Ref. Nr.: 811-03151816

**Overview and Technical Data:**

**BLANCHARD - No. 20K-36  
Drehschleifmaschine**

**BLANCHARD**



Baujahr: Jan. 1979



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## Description:

### **Gebrauchte Blanchard 20AD-36 Drehschleifmaschine**

Die Baureihe Blanchard 20 eignet sich hervorragend für mittelgroße Werkstücke, die zu Bodengröße, Flachheits- und Parallelitätstoleranzen sowie zu feinen Oberflächenbeschaffenheiten geschliffen werden müssen. Es hat ein 36" Durchmesser magnetisches Spannfutter und schwingt 48" innerhalb der Wasserschutz, mit einer vertikalen Strecke von 24 ".

#### Technische Daten

- Axialweg: 610mm
- Raddurchmesser: 508mm
- Tischdurchmesser: 914mm
- Schleifscheibendurchmesser 20 "
- Magnetfutterdurchmesser 36 "
- Schwenkdurchmesser innen Warterguards 48 "Vertikalbereich 24"
- Maximale Belastung des Futters 3000 lbs
- Schleifscheibenpower (HP) 50
- Art des Einspeisesystems Servo Down Vorschubgeschwindigkeiten IPM .0001 - .100
- Chuck Drehzahlen RPM 6 - 24
- Kühlmittelkapazität 250 gal
- Höhe \* (Ungefähr) 105 "Länge (Ungefähr) 140" Breite (Ungefähr) 69 "Gewicht (Ungefähres Netz) 8200kw



## Technical Data:

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Steuerung: NC

### Dimensions and Weight:

Höhe: 17.526 mm

Länge: 2.667 mm

Breite: 3.556 mm

Gewicht: 8.200 kg

### Buyer Information:

Zustand: Normale Beanspruchung

Verfügbarkeit: Sofort

Verkauft als:

EXW (ab Werk - Incoterm)

MwSt.: 19 %

Standort: Deutschland



## Images:



1



2



3

**SPECIFICATIONS** (Nos. 20-36, 200-36, 20K-36 Blanchard Grinders)

**WORK CLEARANCE**  
Swing clearance is 38 in. dia. inside the workstands. Vertical height (range) is 12 in. (18 or 24 when ordered) between the top surface of the 36 in. dia. chuck and the grinding surface of a new grinding wheel in its raised position.

**POWER REQUIREMENTS FOR COMPLETE MACHINE**  
30 hp wheel motor: 55 Kva  
40 hp wheel motor: 65 Kva  
50 hp wheel motor: 90 Kva

**WORK TABLE**  
Blanchard magnetic chuck, 36 in. dia., with 5/8 in. radial spacing between concentric poles. Chuck has a 2 in. dia. center hole. Chuck uses direct current; Voltages 115 or 220 (200 preferred), and requires 70C vests supplied by a Neutrofler when ordered. Maximum weight of work load is 3,000 pounds.

**WHEEL HOLDER**  
Cylindert wheel holder for 20 in. x 5 in. X 18-1/2 in. cylinder wheel; or 20 in. Carland type segment chuck (when ordered) which holds four CD-18 segments.

**WHEEL SPEEDS**  
750 Rpm (at 60 cps)  
750 Rpm (at 50 cps)

**CHUCK SPEEDS**  
\*\*  
6, 9, 12, 15, 25 and 33 Rpm driven (at 60 cps) by a 2 hp, 1200 Rpm motor.

**DRIVE MOTORS**  
1.5 HP, 1800 Rpm (at 60 cps) torque motor for table traverse and for raising and lowering the wheel head.

**FEED**  
Vertical downfeed of the wheel is either by hand or by power. The power feed is variable between 0.004 and 0.080 in. per minute. An accurate, automatic downfeed stop is provided. Maximum downfeed to the stop is 0.078 in. 0.298 in. is available on special order on American Built Machines. 0.298 is standard on British Built Machines. The wheel head can be rapidly raised and lowered by power.

**COOLANT SUPPLY**  
Wheel flow capacity of 20-36 and 20K-36 models is 125 gallons. A flange mounted, motor driven coolant pump with 1/4 in. discharge delivers 60 gallons per minute. The 200-36 model discharges coolant from its base at 15 in. height above floor level. Two 1/2 hp, 1800 Rpm, immersion type coolant pumps are supplied with 200-36 models for mounting by customer.

**STANDARD EQUIPMENT**  
Blanchard 36 in. dia., one-piece steel, magnetic chuck Waterguard; 1/2 hp coolant pump (6) and coolant piping; 20 in. cylinder wheel holder; jog push button for table rotation; Work light over tables; Quick acting coolant valves and work hose; Carbide chuck ring; Wheel dresser unit built into head. A 30 hp wheel motor built into the head; a 2 hp chuck rotation motor; Two 20 lb. ft. torque motors, one for table traverse and one for raising and lowering the wheel head. Reduced voltage push button controls. Steel control panel cabinet at rear of machine containing reduced voltage starters for wheel motor (Star connected for starting and plugging). Delta connected for running). Line starters for small motors, thermal overload protection for all motors. Armature wired into wheel motor circuit; Pilot lamp for chuck. Hardened steel base ways with automatic lubrication. The 20K-36 model has a sludge conveyor in its base, and a sludge tote box. A set of wrenches and an operators manual is included.

**FLOOR SPACE AND HEIGHT**  
20-36—Length 11 ft, 5 in., width 5 ft, 7 in., including control cabinet; minimum height 7 ft, 11 in., maximum height (12" vertical range) 8 ft, 4 in. Height of chuck surface from the floor is 36 in.

\* British Built Machines have 24" Vertical Height as standard.  
\*\* For 50 cycles supply chuck speeds are 5, 7, 10, 15, 20 and 27 rpm. using a 4 hp motor.



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