



**Asset-Trade**

Assessment & Sale of Used Assets

Ref. Nr.: 811-03151816

**Overview and Technical Data:**

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

**BLANCHARD**



**Baujahr: Jan. 1979**



## 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:



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

**WORK CLEARANCE**  
 Grinding clearance is 38 in. dia. inside the worktable. Vertical height through is 12 in. (8 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**  
 BIPOLAR magnetic chuck, 36 in. dia. with 3/8 in. radial spacing between concentric poles. Chuck has a 2 in. dia. center hole. Chuck uses direct current Voltages 115 or 230 (230 preferred), and requires 792 watts supplied by a rheostat when ordered. Maximum weight of work load is 3,000 pounds.

**WHEEL HOLDERS**  
 CYLINDRICAL wheel holder for 20 in. X 5 in. X 1 1/2 in. cylinder wheel or 20 in. Cast-iron type segment chuck (when ordered) which holds four CD-18L segments.

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

**CHUCK SPEED**  
 2, 3, 12, 18, 25 and 33 rpm driven (at 60 cps) by a 2 hp, 1200 rpm motor.

**AUXILIARY MOTORS**  
 20 hp, 11,700 rpm (at 60 cps) torque motor for table traverse and for raising and lowering the wheel head.

**FEED**  
 Vertical downward of the wheel is either by hand or by power. The power feed is variable between 0.004 and 0.080 in. per minute. The hand feed is a variable downfeed stop. Maximum downfeed to the stop is 0.098 in. It is available on 20-36 and 200-36 machines. 20K-36 machines have 24" Vertical Height as standard.

**FLOOR SPACE AND HEIGHT**  
 20-36 height 7 ft. 11 in., with 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.

**COOLANT SUPPLY**  
 Total flow capacity of 20-36 and 20K-36 models is 120 gallons. A flange mounted, motor driven coolant pump with 1-1/4 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, 800 rpm, constant speed coolant pumps are supplied with 20K-36 models for mounting by customer.

**STANDARD EQUIPMENT**  
 Standard 36 in. dia., one-piece steel, magnetic chuck; Woreguard; 1/2 hp coolant pump (1 and coolant delivery); 20 in. cylinder wheel holder; ring push button for table rotation; Work Light over table; Quick acting coolant valve and work hose; Outside 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 hp. ft. torque motors; one for table traverse and one for raising and lowering the wheel head; Industrial voltage push button controls; Steel control panel cabinet or rear of machine containing reduced voltage starters for wheel motor (One connected for starting and plugging; Delta connected for running); Line starters for small motors; thermal overload protection for all motors; Ammeter wired into wheel motor circuit; Pilot lamp for chuck; Hand-dressed steel base ways with automatic lubrication. The 20K-36 model has a sludge conveyor in its base, and a sludge take box. A set of wrenches and an operation manual is included.

**20-36 Machines have 24" Vertical Height as standard.**  
 20-36 Machines supply chuck speeds are 2, 3, 12, 18, 25 and 33 rpm. using a

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