

**LONDON**



# LONDON HI-PERFORMANCE CONCRETE MIXERS

**OSHKOSH**

# FROM WHEELBARROWS TO PAVING JOBS, THIS MIXER OUTPERFORMS ALL COMPETITORS.

# LONDON



*Eaton heavy duty series hydrostatics provide high torque capability for efficient loading, mixing and discharge of low slump concrete. An "A pad" pump provides reliable power for the main chute.*



*The mixer drum is driven by a ZF PK7500 planetary direct drive gearbox providing over 53,000 ft.lbs. of torque. A 15 gallon oil tank is incorporated into the front pedestal.*



*The standard lighting system utilizes Trucklite sealed lights, junction box and harness. Optional dual tail lites shown.*



*Chute cradles are available for side mount, fender mount or vertical storage.*



Roll formed fenders are available in steel and aluminum. Light weight poly fenders are also available. Mid-ship combination signal/clearance lights are standard.



Rear pendant on 20 ft. quick disconnect cable incorporates control for mix/discharge, engine throttle, air lift hopper, as well as optional air chute lock, chute lift, and drum pause/resume.



Large air lift charge hopper controlled from in-cab and from rear pendant. Safety lockout brace provided.

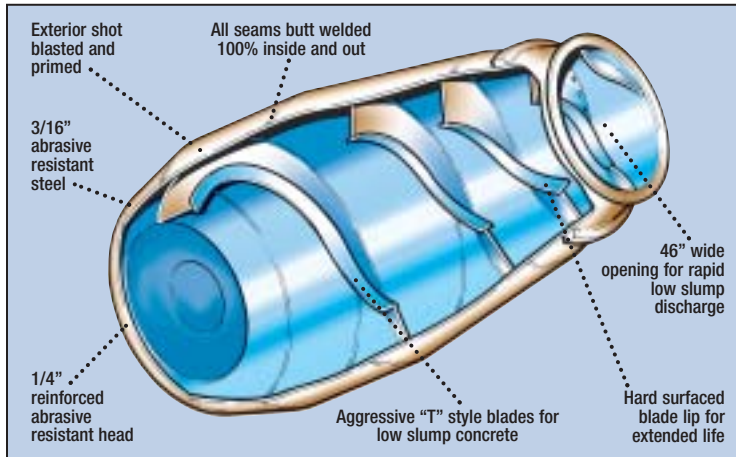


## Quality, Integrity, Service and Innovation

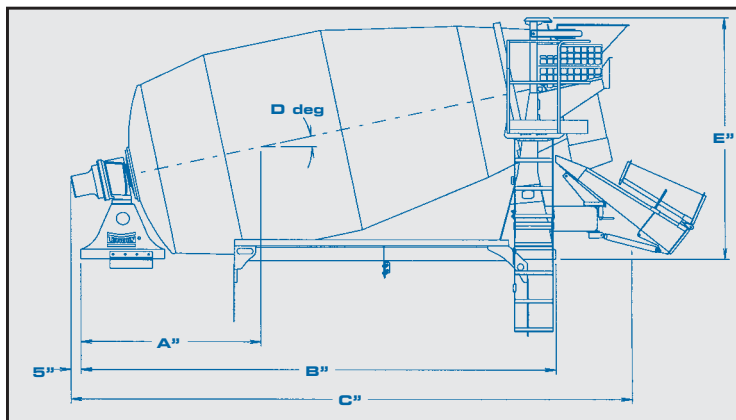
These form the foundation of the London commitment to product performance.

As an industry leader for over 100 years - London has provided expertise in manufacturing the finest, most durable concrete mixers worldwide.

# PERFORMANCE FEATURES AND SPECIFICATIONS



SERIES	Mixer Capacity		C Overall Length	D Drum Angle°	E Overall Height
	yd	m			
70P	9.5	7.0	222"	13.0°	102"
80P	10.5	8.0	235.5"	12.0°	102"
80HPP	10.5	8.0	235.3"	13.5°	106.5"
90P	12.0	9.0	255.3"	12.0°	106.5"



**DRUM:** 1/4" spun drumhead; 48" inside reinforcing plate; 3/16" SAE 1524 wear resistant ( high manganese, low carbon ) steel drum shell welded 100% inside and out; 3/16" SAE 1524 blades with hard surfaced lips; solid wire welded seams; solid steel drum track machined inside taper and out square; 46" discharge opening; auxiliary surge fins; 16" X 22.5" bolt on oval inspection hatch.

**FRONT PEDESTAL:** Fully enclosed Cor Ten "A" front pedestal incorporating a 15 gallon easy clean hydraulic oil reservoir. Flared lower front and rear flanges to distribute load.

**REAR PEDESTAL:** Easy to clean enclosed rear pedestal with service access to the drum rolls. Pedestals constructed of Cor Ten "A" corrosion resistant steel. Fully welded swivel support integrated through pedestal frame.

**TRANSMISSION:** Model ZF PK7500 right angle/planetary direct drive; 138.6:1 reduction; 53,104 ft.lb. output torque capacity. Mounted to machined drum flange by 24 grade 8 bolts and to machined pedestal deck pads by six grade 8 bolts.

**HYDROSTATIC:** Eaton heavy duty variable displacement piston pump with built in 5500 psi relief valve; Eaton heavy duty motor; speed and direction of the drum rotation controlled from the cab and on the rear pendant; 10 micron suction filter; heavy duty front mounted oil cooler with guard.

**WATER SYSTEM:** 150 gallon, side mounted water tank; three position fill, dump and hold valve; high pressure relief valve; pressure regulating valve; off set sight gage; 4" diameter spring loaded flapper valve; 1" rear water injection line; 25 foot wash down hose with pistol grip spray nozzle. Blow out and drain provision for winter operation.

**DRUM ROLLERS:** CM1035 alloy steel drum roller; tapered roller bearings; double sealed; centre shaft lubrication; roller surfaced hardened to Rockwell C46. Full width rear drum roll guard.

**CHARGE HOPPER:** 38" X 30" top opening; 19" minimum throat dimension. Hopper is hinged with air operated swing up feature. Hopper up warning light in cab. Charge hopper safety brace.

**REAR LADDER:** Non skid ladder rungs and platform base; fold down ladder extension; ladder rungs align for safety when folded. Double guard rail on extra large top platform.

**CONTROLS:** Electro-hydraulic mix-discharge control in cab and at rear of mixer on 20 foot quick disconnect cable; air operated truck engine throttle at rear of mixer (switch for electronic engines); chute raise and lower hydraulic control valve at rear of mixer.

**CHUTES:** Paving type main chute with safety hand grabs and hinged fold over with lock; two 48" extension chutes for 16 feet total length; positive seven position pin lock with 7/8" replaceable hole plate.

**CHUTE HOIST:** 2 1/2" double acting hydraulic cylinder, 3000 p.s.i. rated; A-pad gear pump mounted on the Eaton hydrostatic pump; manual control valve located at the rear of mixer with integral relief and flow regulating valve.

**FENDERS:** 14 ga. heavy duty roll formed fenders with stainless steel hardware and rubber washers; full tandem length with powder coated Cor Ten "A" centre and end supports. Mud flaps front and rear.

**LIGHTS:** Trucklite brand clearance, marker and identification lamps with integral reflectors in accordance with FMVSS. Trucklite sealed junction box and armour shielded wiring harness. Midship light is combination clearance/signal.

**PAINTING:** Mixer and components shot blasted prior to prime painting. All components painted prior to assembly. Top coat one color Dupont Imron two part polyurethane. Tie down angles, fender mounting brackets and water tank cradles are powder coated black. Water tank straps are black plastic dipped.

**SAFETY:** Full complement of bilingual safety decals. Back up alarm supplied.

**POPULAR OPTIONS INCLUDE:** Aluminum water tanks, fenders • Remote chute lifter • Air operated infinite chute lock • Drum pause/resume control

To maintain our on-going product and development improvement program, London Machinery reserves the right to change equipment specifications without notice. Equipment may not be exactly as shown. Some equipment may be optional.



An Oshkosh Truck Corporation Company

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