

PATRIOT 40/50 LOW PRO

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MACHINE SPECIFICATIONS

CARRIER:	MOROOKA 660 VD - ROPS CERTIFIED CABINS
SPEED:	SPEED: 7.5 MPH
GROUND PRESSURE (OPEN CAB):	40': 5.3 PSI 50': 5.6 PSI
GROUND PRESSURE (CLOSED CAB):	40': 5.5 PSI 50': 5.8 PSI
WEIGHT:	40' - 17,780 LBS. 50' - 18,600 LBS.
OPERATOR PLATFORM:	UPPER RIDING COMMAND CONSOLE
LENGTH:	40' - 16'5" L 50' - 21' 6" L
HEIGHT:	9' 1" OVERALL
WIDTH:	77"
TRACKS:	RUBBER
TILT ALARM:	DIGITAL AND AUDIBLE FRONT TO BACK / SIDE TO SIDE
ENGINE:	76 HP KUBOTA TURBO
FUEL CAPACITY:	10 GALLON
HYDRAULIC OIL CAPACITY:	25 GALLON
PUMP:	15 GPM GEAR PUMP
OPERATING PSI:	3,000 PSI
CONTROLS:	FULL PRESSURE UPPER
WINCH:	6,000 LBS.
AUGER DRIVE:	2 SPEED 5,800/10,500 FT. LBS. OF TORQUE
AUGER STORAGE:	AUTOMATIC ON MAIN BOOM
AUGER:	18" BULLET TOOTH
ROTATION:	CONTINUOUS
WORK ZONE:	UNLIMITED
PAD MOUNT TRANSFORMER DECK:	INTEGRATED / 3,000 LBS.
OUTRIGGER SPREAD:	FRONT 8'1" REAR 14'7" FRONT TO REAR 15'5"
SHEAVE HEIGHT:	41' / 51'
WORKING HEIGHT:	45' / 55'
SIDE REACH:	35' / 45'
DIGGING RADIUS:	22' / 30'
BOOM ASSEMBLY:	3 SECTION INSULATED ALL HYDRAULIC EXTENSION
LIFT CYLINDER:	6" BORE LIFT CYLINDER
LIFTING CAPACITY:	6,000 LBS.
BOOM ANGLES:	-5 DEGREES / +75 DEGREES
INSULATION:	46KV CATEGORY C PER ANSI 92.2
OUTRIGGERS:	A-FRAME FRONT / RADIAL REAR

MACHINE SPECIFICATIONS (CONTINUED)

OUTRIGGER SAFETY:	OUTRIGGER INTERLOCK SYSTEM
OUTRIGGER ALARMS:	AUDIBLE ALARMS ON OUTRIGGERS
AUXILIARY POWER:	HYDRAULIC TOOL CIRCUIT AT GROUND
WORK LIGHTS:	LED ON OPERATOR PLATFORM
GROUNDING LUG:	STAINLESS LUG ON DECK

OPTIONS

OPEN OR ENCLOSED CABIN ON CARRIER

HYDRAULIC POLE GUIDE (MANUAL TILT)

HYDRAULIC POLE GUIDE (HYDRAULIC TILT)

SINGLE SIDED POLE CARRIERS (2)

TRANSFORMER / MATERIAL HANDLING JIB

SINGLE MAN BUCKET (350 LB. CAPACITY)

ELECTRIC RECOVERY WINCH

HYDRAULIC RECOVERY WINCH

HYDRAULIC HOSE REEL FOR TOOLS @ GROUND

SKID PLATE & REINFORCEMENT

HYDRAULIC BLADE

DUAL BUCKET (300 LB. CAPACITY) (HYDRAULIC OVERLOAD PROTECTION REQUIRED)

750 LB. CAN HANDLER w/ SHORT JIB

SINGLE BUCKET ARM (NEEDED IF PURCHASING DUAL BUCKET & CAN HANDLER)

H.O.P. HYDRAULIC OVERLOAD PROTECTION SYSTEM

RADIO REMOTE CONTROLS BELTPACK (Includes Start/Stop)

AUDIBLE ALARM FOR H.O.P.

EMERGENCY LOWERING

HIGH / LOW TWO SPEED THROTTLE

12 V OUTLET (cigarette lighter) At Upper Command Console

1250 WATT 12 VOLT POWER INVERTER

SINGLE PHASE LIFT ARM

BOOM OVERSTOW SWITCH

TOOL OUTLETS @ BOOM

ENGINE BLOCK HEATER

KELLY BAR EXTENSION

PERMANENT BUCKET STORAGE ON DECK

4 THERMOPLASTIC MOBILE MATS 2' x 8' LONG

STORAGE BRACKET FOR GROUND MATS ON TRAILER

SCREW ANCHOR ASSEMBLY

BRACKET FOR SCREW ANCHOR

PINTLE EYE EXTENSION ON TRAILER & EXTENDED SAFETY CHAINS

SPARE TRAILER TIRE

BRACKET FOR SPARE TIRE STORAGE ON TRAILER

ELECTRIC TONGUE JACK

SOLAR BATTERY CHARGER ON TRAILER

EXTRA SET OF WORK LIGHTS (2)

EXTRA SET OF MACHINE MANUALS

EXTRA SET OF PINS FOR ENTIRE UNIT

SET OF (4) WOODEN 19.25 x 19.25 x 1-7/8" OUTRIGGER PADS

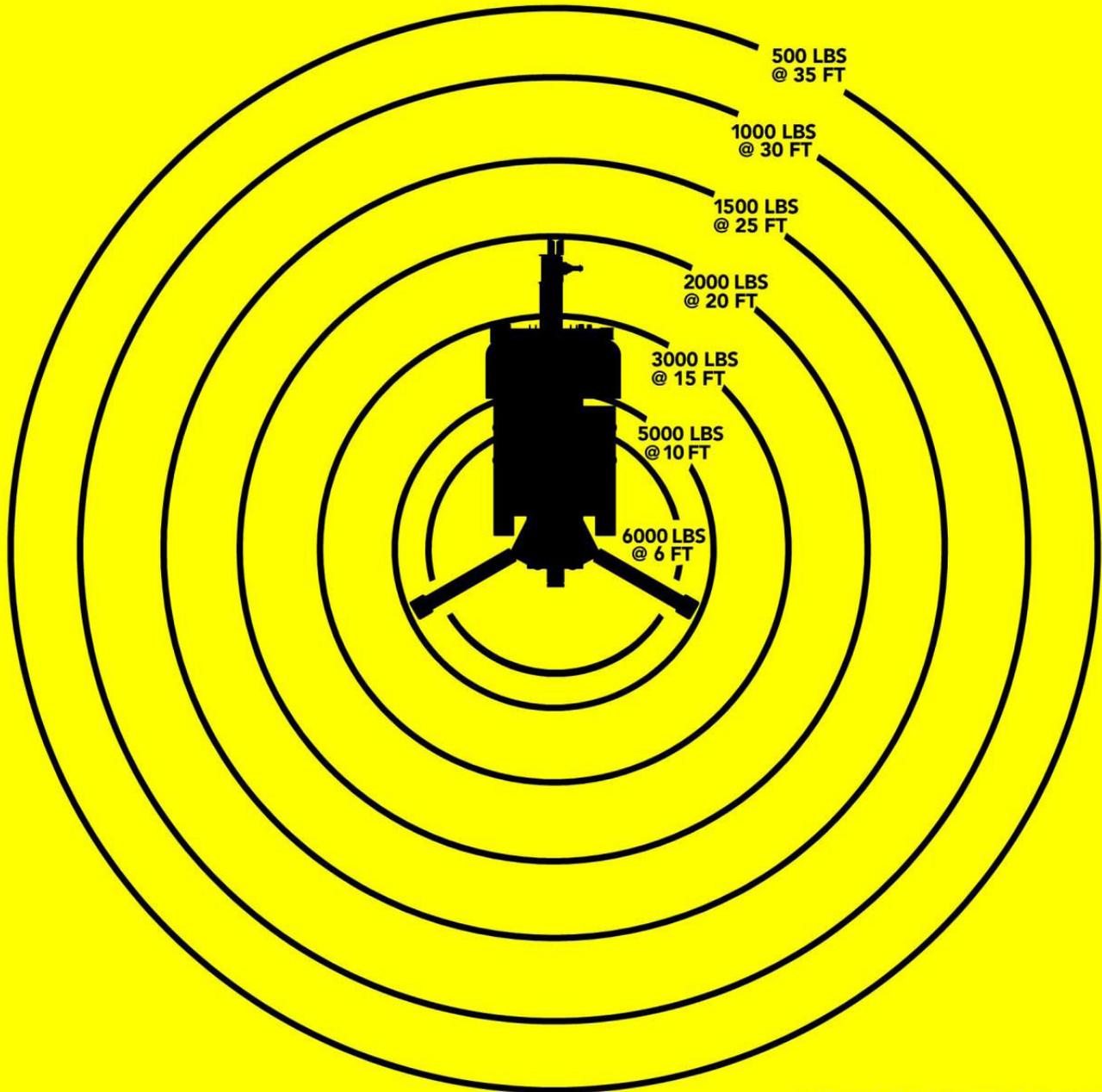
SET OF (4) PLASTIC 18 x 18 x 1.5" OUTRIGGER PADS

RECOMMENDED TRAILERS: 23' / 25,900 LB. G.V.W.R. Tri-Axle Utility Trailer

23' / 25,900 LB. G.V.W.R. Tandem Axle Utility Trailer

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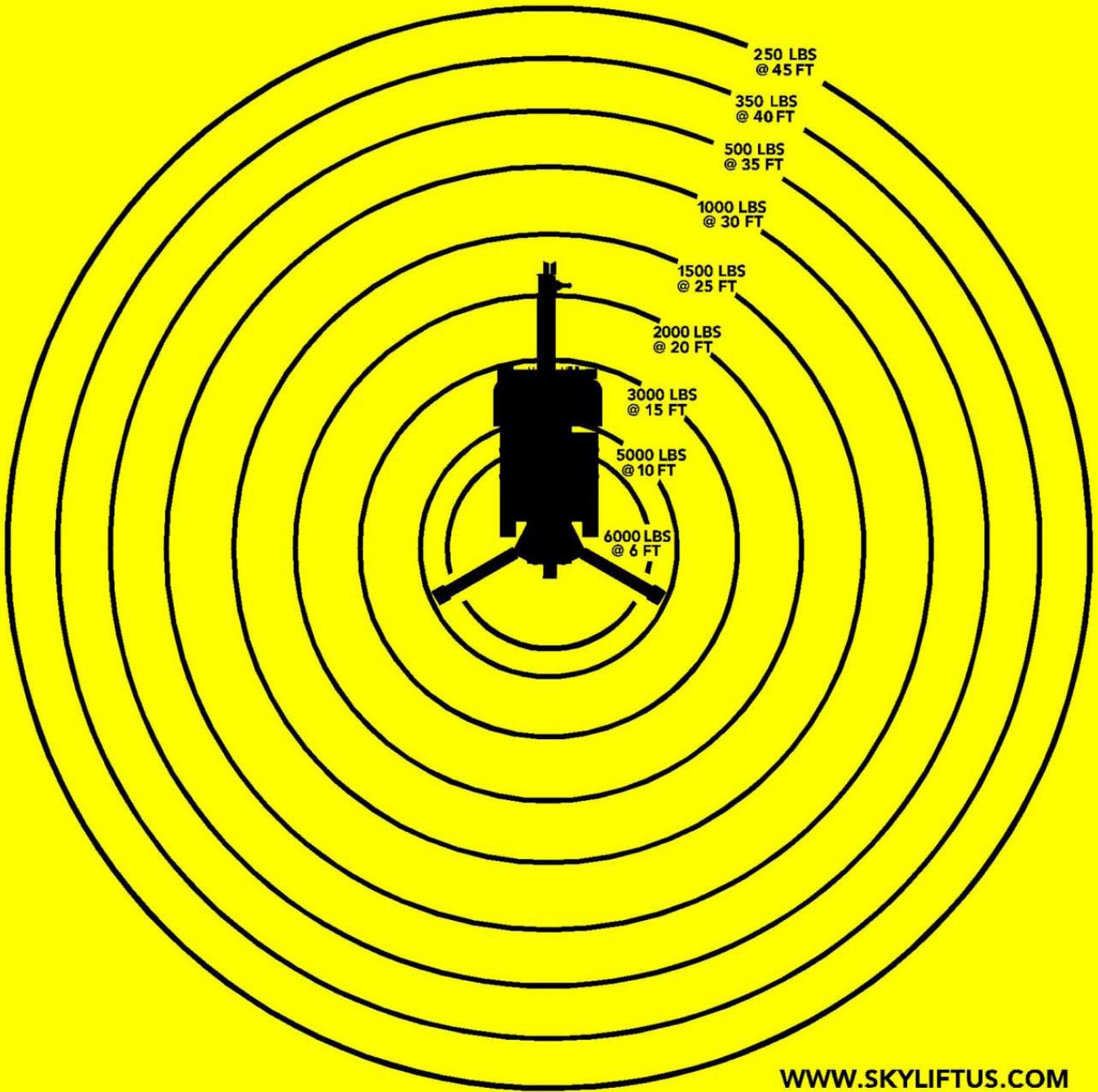
OVERHEAD WORK LOAD AREA



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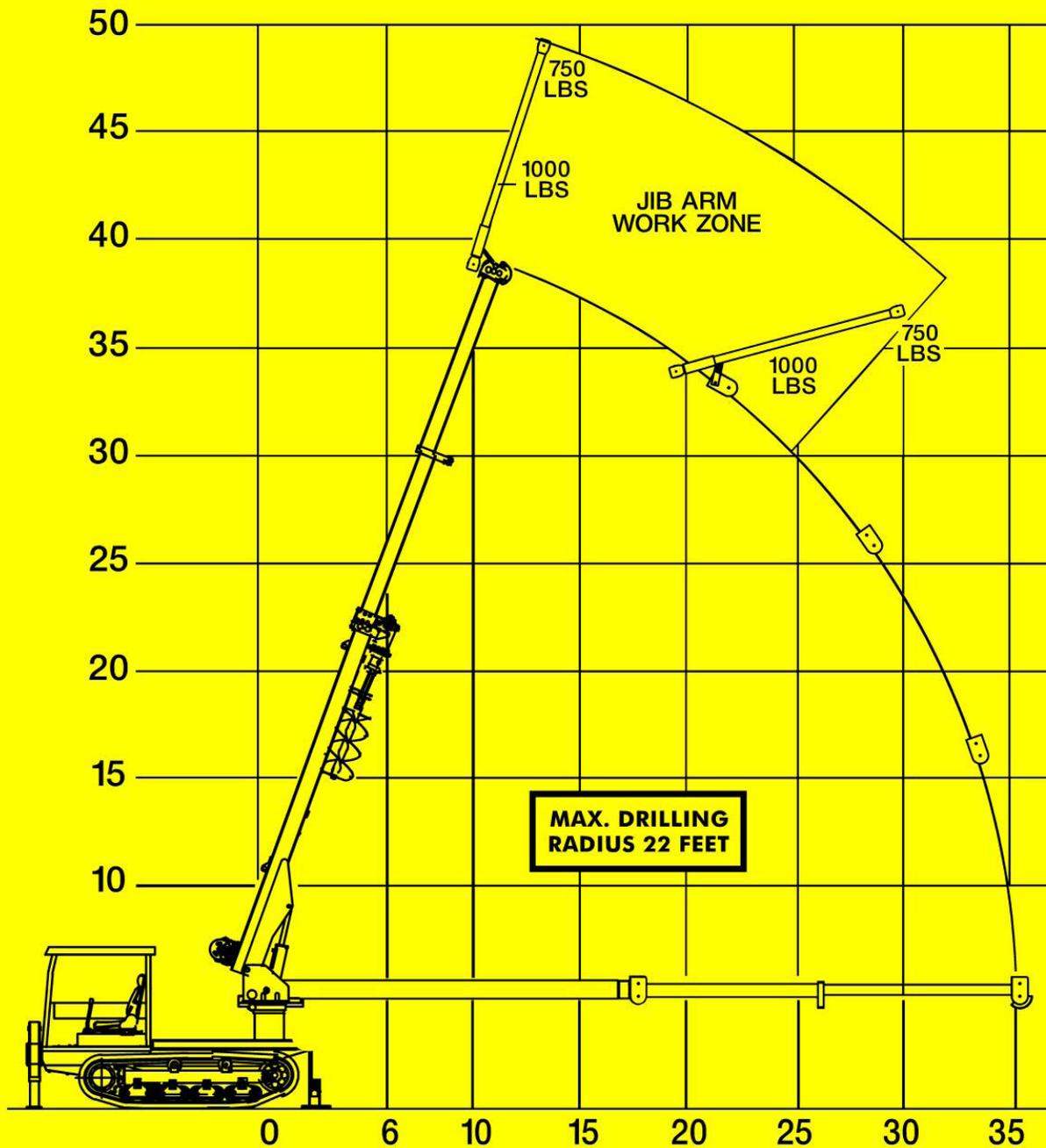
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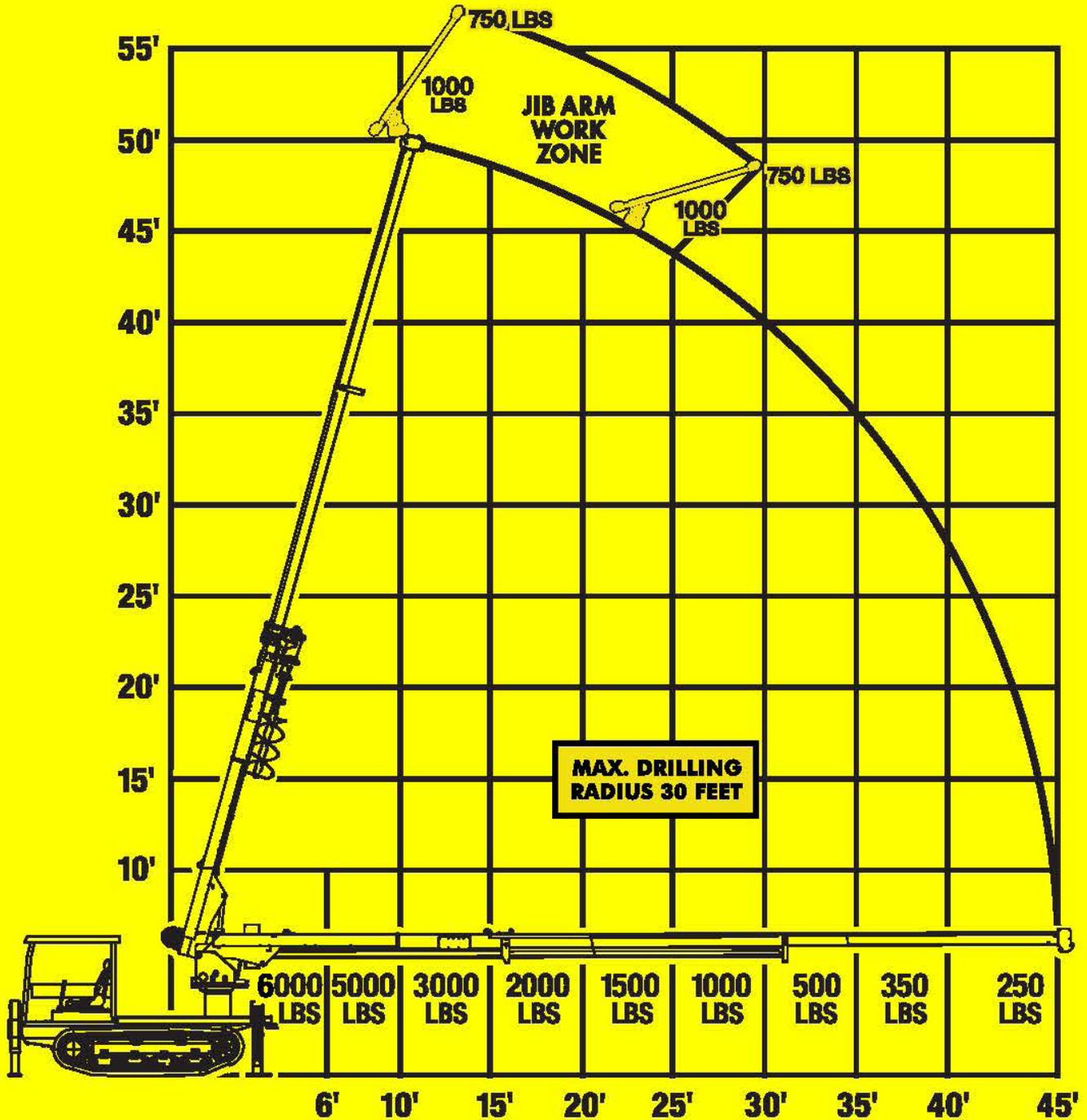
PATRIOT 40 SAFE WORK LOADS

Full 360° Work Zone

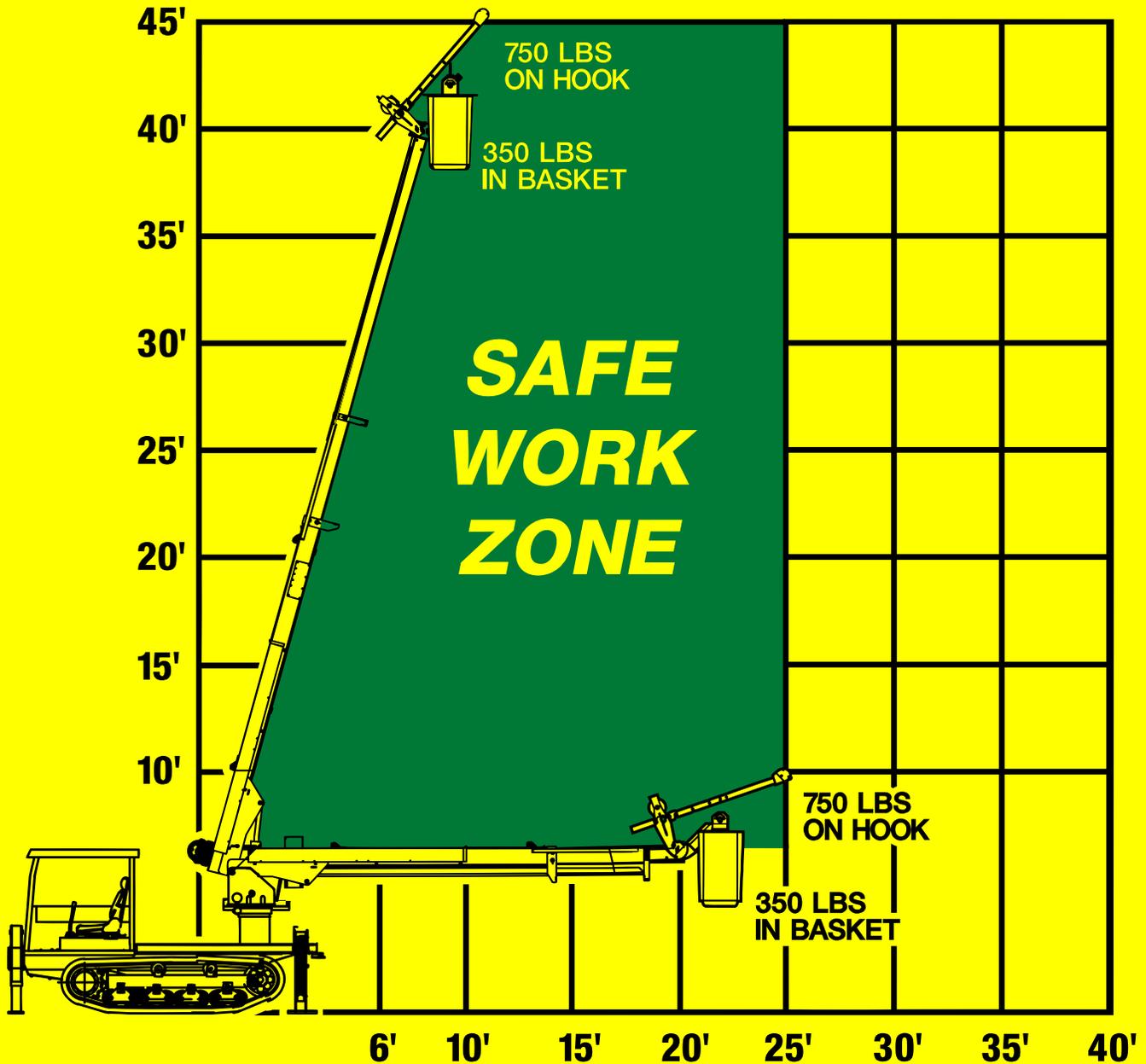


PATRIOT 50 SAFE WORK LOADS

Full 360° Work Zone



PATRIOT 40 CAN HANDLER SAFE WORK ZONE



PATRIOT 50 CAN HANDLER SAFE WORK ZONE

