FASTER EFFORTLESS CONCRETE CHIPPING

AVERAGE PRODUCTION BOOST UP TO 4X

PATENT CA # 2 415 330 USA # US6 752221B1

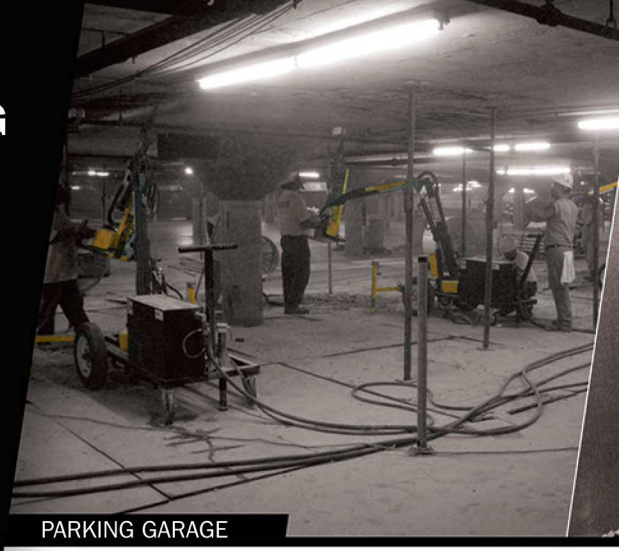
FASTER AND EFFORTLESS CONCRETE CHIPPING FOR OVERHEAD AND VERTICAL SURFACES AVERAGE PRODUCTION BOOST UP TO 4X

ELIMINATES HAMMER WEIGHT, VIBRATION AND DEAD BLOWS

PATENTED TECHNOLOGY OFFERING UNRIVALED RESULTS

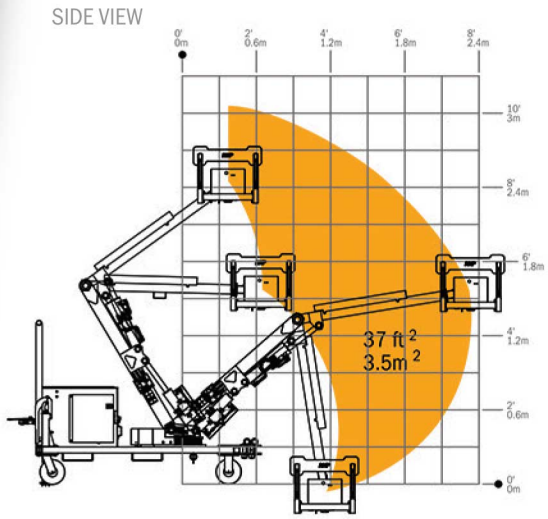
EASY TO USE, LOW MAINTENANCE AND EASILY TRANSPORTED

POSSIBLE TO INSTALL ANY KIND OF HAMMERS, ROCK DRILLS AND HYDRO-DEMOLITION LANCES



PARKING GARAGE

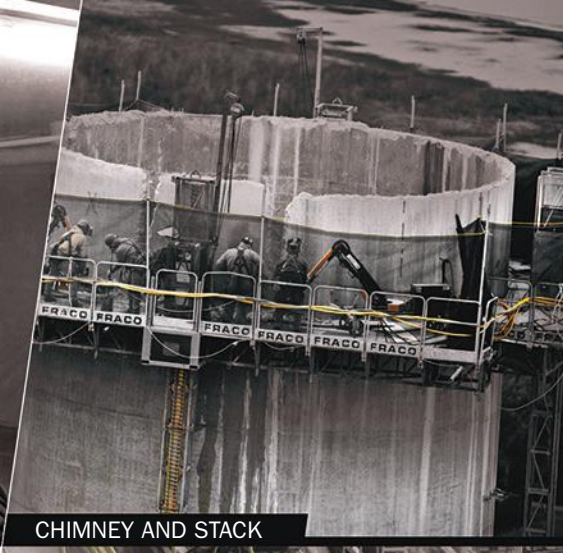
MOTION RANGE



FEATURES & SPECIFICATIONS

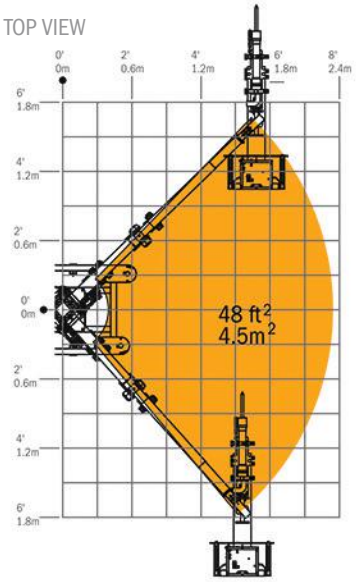
- Mount 15 lb (7kg) chipping hammer, 35 lb (16 kg) rivet buster, 65 lb (29kg) paving breaker (optional), rock drills, hydro-demo lances and other tools
- Designed to push the tool against the surface, eliminating dead blows
- Water nozzle for dust control
- Air powered over hydraulic and electric
- 96° swing lock hydraulic knuckle boom

INFRASTRUCTURE



CHIMNEY AND STACK

TOP VIEW



EXPERT CHOICE AWARD
DEMOLITION & REPAIR 2008

MIP most innovative products AT WORLD OF CONCRETE

PROUD MEMBER OF:

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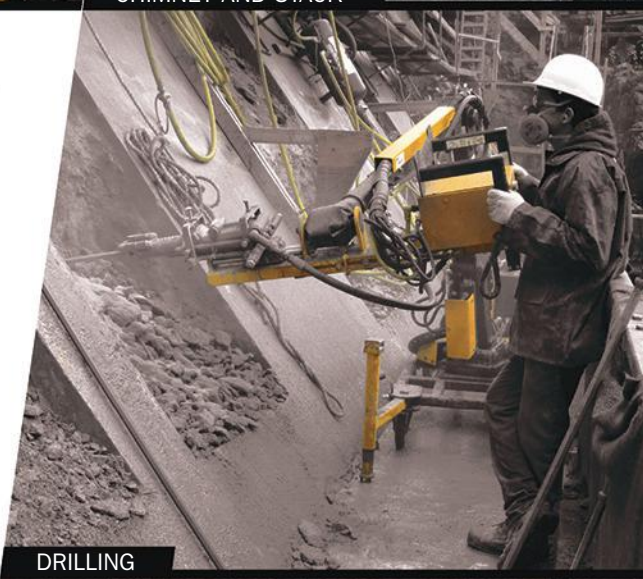
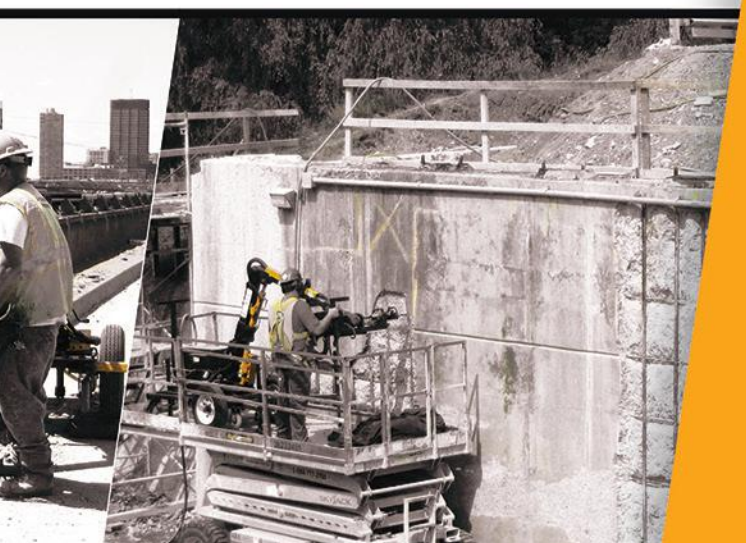
CE

- 4 caster wheels and 2 removable 21" (53 cm) wheels
- 3 outriggers for stability
- Fingertip controls
- Unit air consumption of 25 CFM (700 l/min) @ 90 psi (620 kPa)
- Total weight without tool of 1150 lbs (525 Kg)
- Frame size 31 1/2" X 72" (80 cm x 183 cm) without removable wheels
- Self-contained, no harmful emissions



DRILLING

MASONRY DEMOLITION



CALL FOR A DEMO
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PAM35 - Technical Data

DESCRIPTION

The P.A.M. is an ergonomic positioning device that makes effortless manipulation of heavy hand held tools. It also significantly decreases the vibration generated by many tools. The P.A.M. is composed of the four following sub-groups :

- The hydraulic booms allow the positioning of the tool handling turret. The use of hydraulics and a an efficient rotating base locking mechanism, provide the stiffness required to handle all the incurring loads along with a very stable work position. Should there be a hydraulic hose failure, both cylinders are equipped with safety valves preventing the collapse of the booms in order for them to maintain their positions.
- Many type of tools (18kg - 40 Lbs or less) can be mounted on the turret. (Pneumatic hammer, rock drill hydro-demolition tool, etc.) It also allows 3 degrees of freedom and incorporates a 200mm (8 inches) forward moving carrier that greatly reduces the vibrations generated by the tool.
- Compressed air is used to generate both the electric & hydraulic energy required to use the P.A.M. in a self-contained & environmental friendly fashion. The power unit is equipped with complete compressed air processing (filtering & lubrication).
- On-site manual displacements are performed with the under buggy. This buggy is also equipped with 3 stabilizers for optimal working stability. To the 4 standard wheel casters, 2 optional Rough Terrain Wheels (RTW) can easily be added or removed to fit through narrow paths.

CHARACTERISTICS

Weight: 525 kg - 1150 Lbs (Without Tool)
Dimensions & Surface Coverage: Pages 2, 3 & 4
Operating temperature: –15 to 40 °C - (5 to 104°F)
Pneumatic oil mixed with antifreeze (Killfrost) may be required based on operating temperature
Power Unit air consumption: 560 LPM @700 kPa - (148 GPM @ 100 PSI)

Electric System:	Tension : 12VDC Power : 180 Watt Control : IP65
Pneumatic System:	Max pressure: 800 kPa - (120 PSI) Filtration: 5 micron Automatic oiler Adjustable activation delay Applied pressure on work surface (by tool) 0 to 1385 N (175 Lbf) Adjustable drawback speed
Hydraulic System:	Flow 2.8 LPM - (0.74 GPM) (adjustable) Pressure 90 Bar - (1300 PSI) Oil grade 32 Filtration 10 micron
Mechanical Syst.:	Boom Rotation: 84° 4° increment Bushing supports Dust suppressing water spray (30 LPH - 8 GPH)

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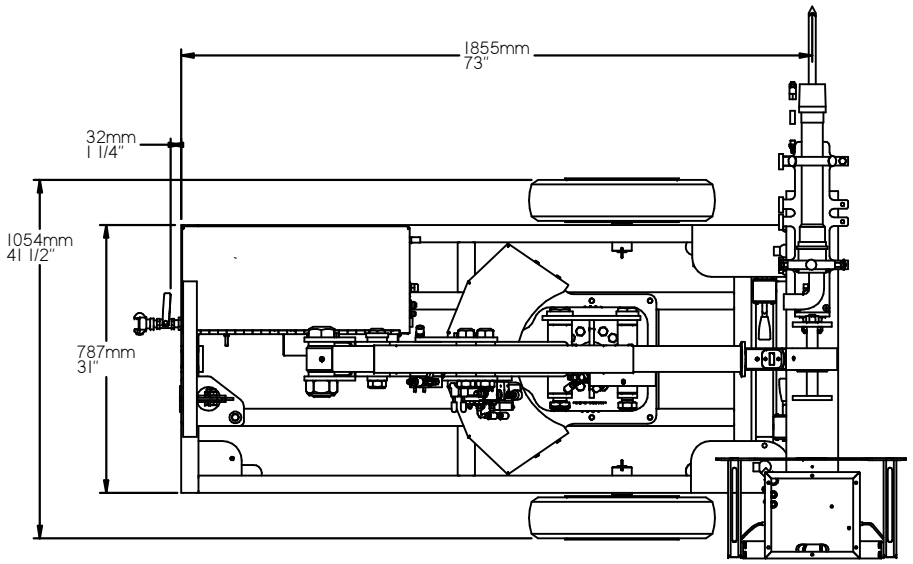
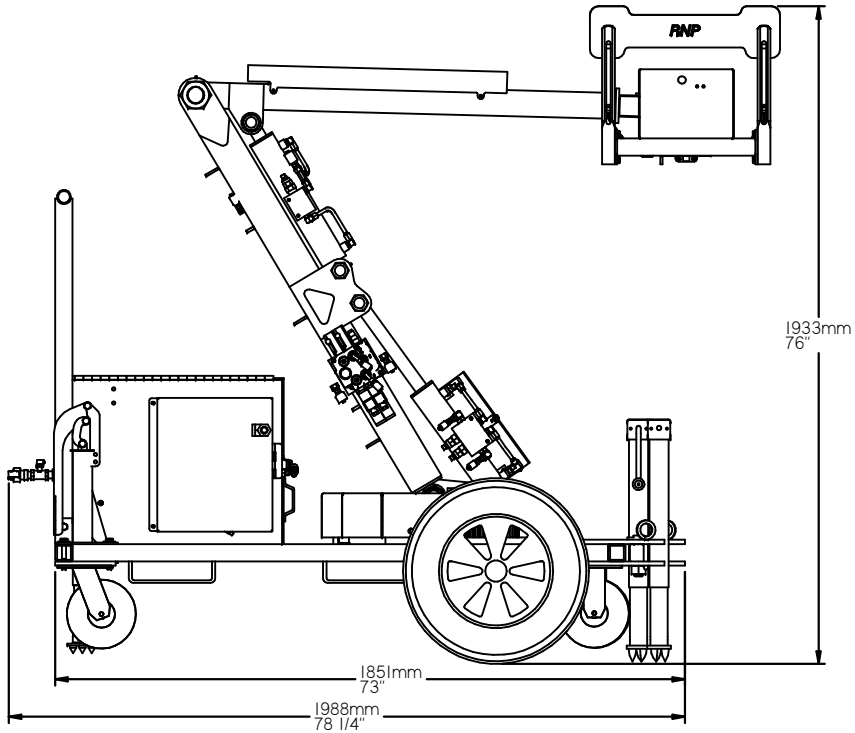
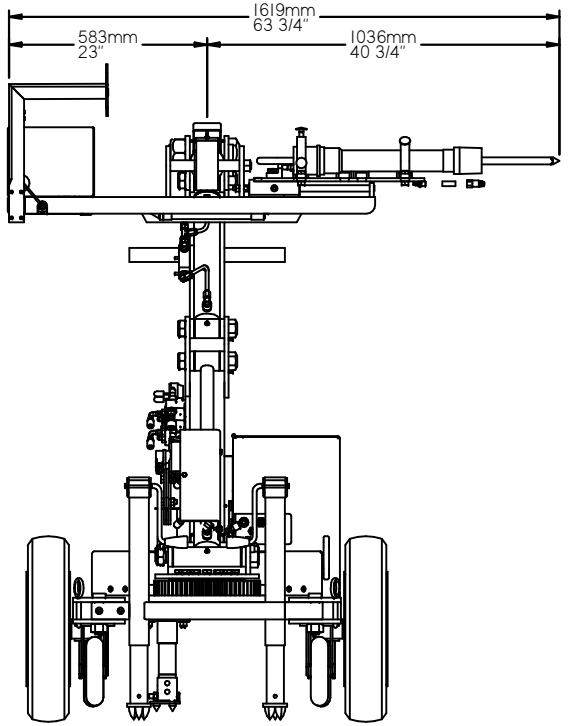
888-697-5355 450-437-2651
Specifications are subject to change without notice

PAM 0ve 35 DIMENSIONS IN A CLOSED & CENTERED POSITION







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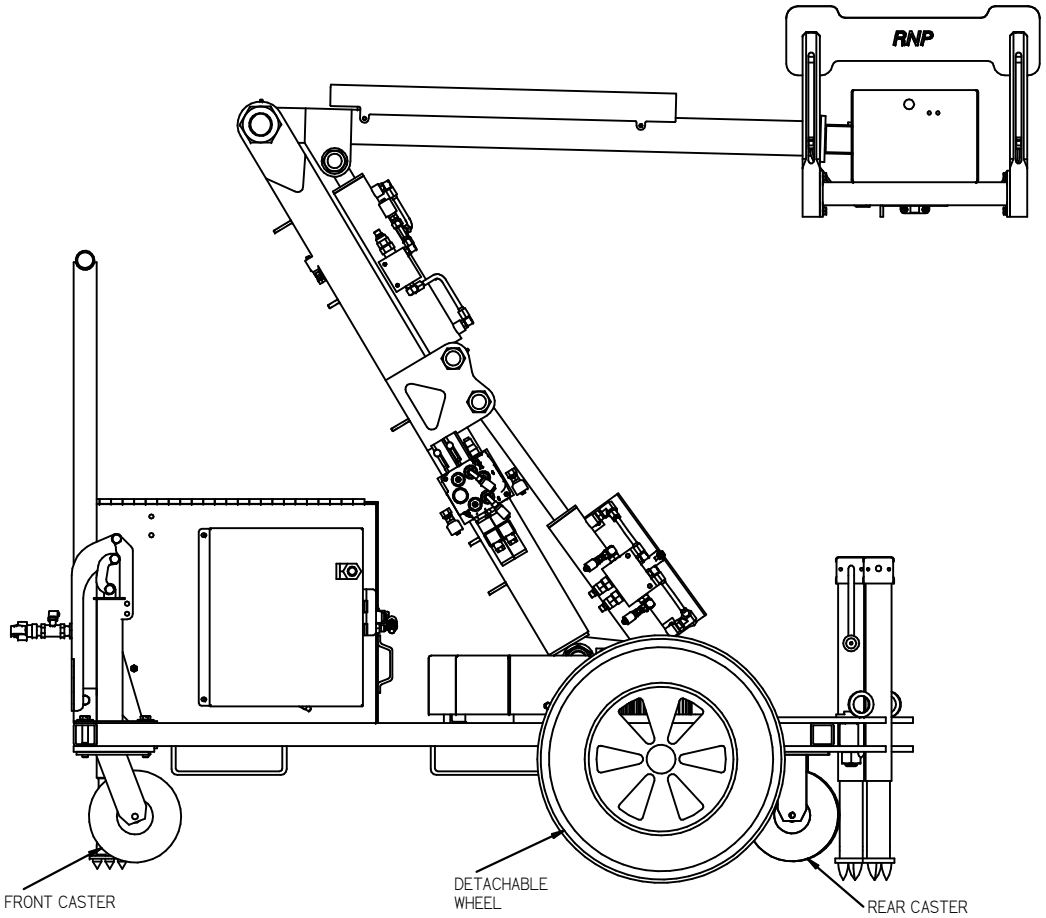
P.A.M. (P1098) WEIGHT DISTRIBUTION IN A CLOSED & CENTERED POSITION



WITH DETACHABLE WHEEL : FRONT CASTERS 300 LBS (136 Kg) --- 150 LBS (68 Kg) / CASTER
TIRES 900 LBS (408 Kg) --- 450 LBS (204 Kg) / TIRE

WITHOUT DETACHABLE WHEEL : FRONT CASTERS 460 LBS (209 Kg) --- 230 LBS (104 Kg) / CASTER
REAR CASTERS 690 LBS (313 Kg) --- 345 LBS (156 Kg) / CASTER

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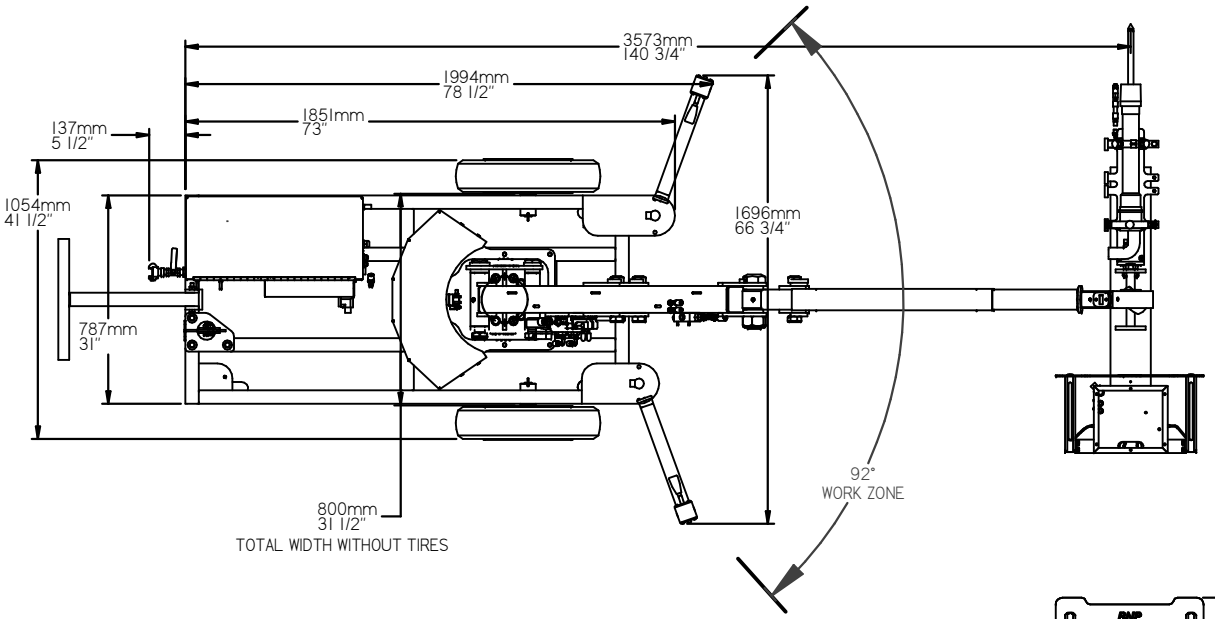
DIMENSIONS OF PAM Ove 35
FULLY DEPLOYED



MASS :
545 Kg (1200 LBS)

NOTE :
THE MAXIMUM APPLIED WEIGHT TO THE STABILIZER ARMS RANGE FROM 205 TO 363 Kg (450 TO 800 LBS) DEPENDING ON THE WORK ZONE ANGLE
(With a vertically applied dynamic load)
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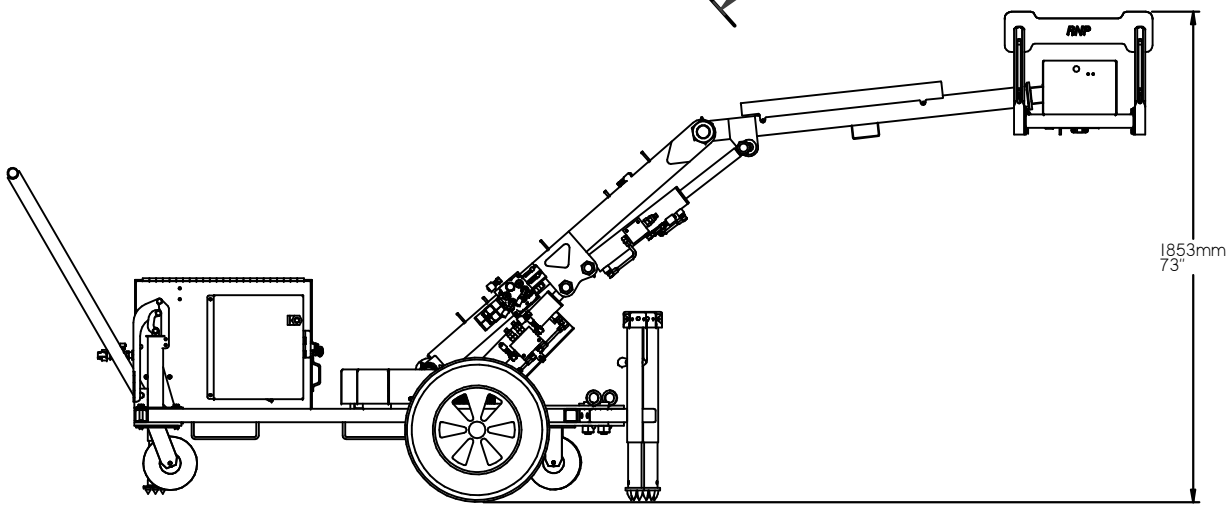

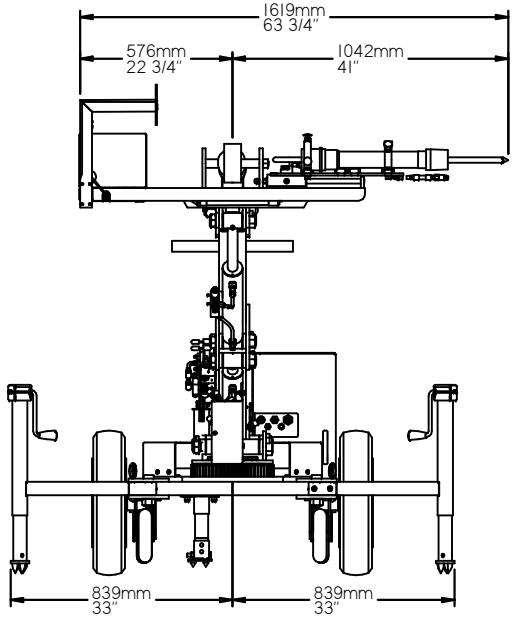

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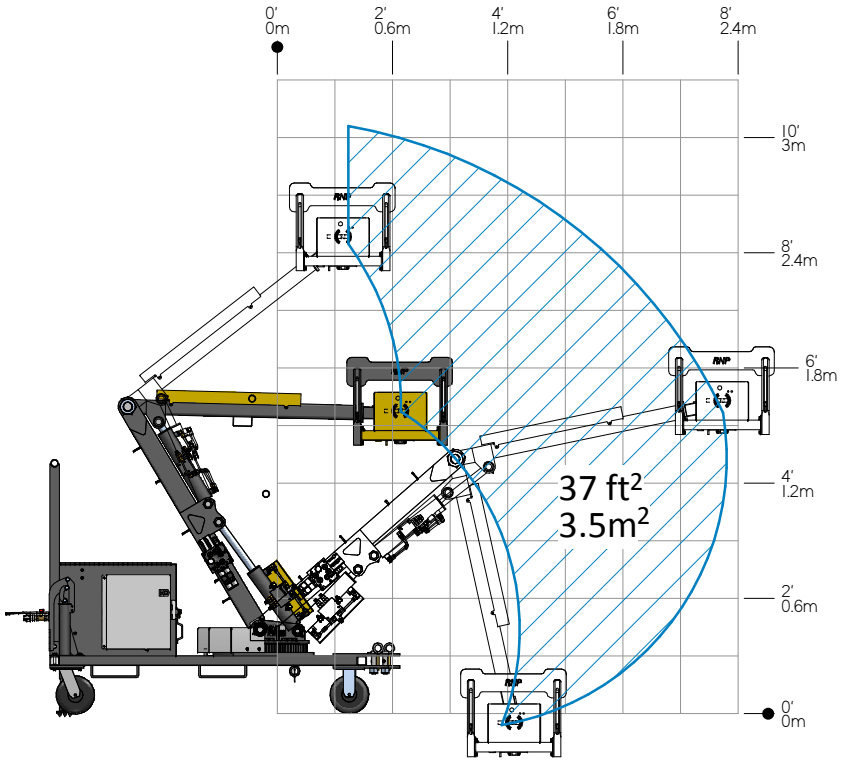
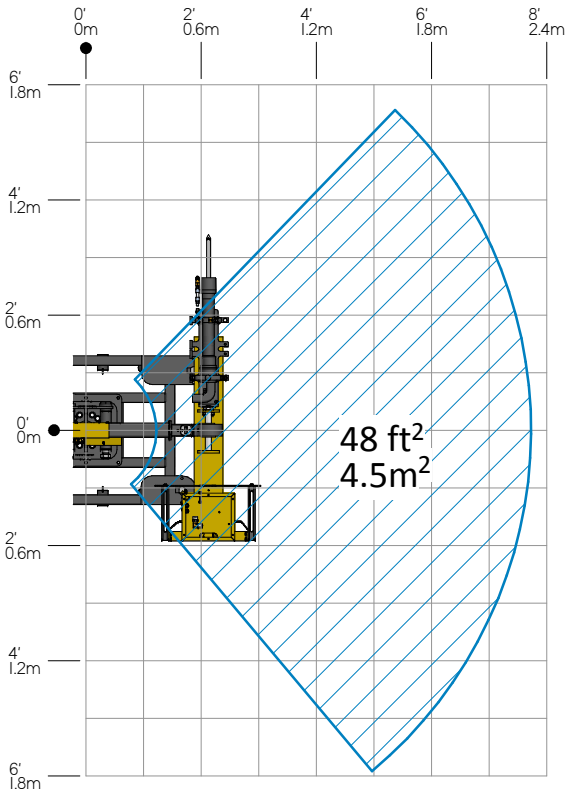
P.A.M. Surface Coverage





NOTES

ALWAYS OPERATE THE P.A.M. IN A NATURAL STANDING POSITION

THE ILLUSTRATED SURFACE COVERAGE IS DEFINED BY THE TURRET'S BALL JOINT POSITION. THE SURFACE COVERAGE WOULD BE LARGER BY THE ROTATION OF THE TURRET BY THIS BALL JOINT.

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Motion range 2013 ST4.dft / 2013-05-07

P.A.M. Surface Coverage

REV: 00