

**NEW FOR 2005...**  
**MQ/Rammax**  
**Boom-Mounted Compactors**



**The ideal machine for mobile  
and crawler excavation.**

**Construction Starts Here**



# MQ/Rammax Boom-Mounted Compactors

The newly developed RAV-series boom-mounted compactors are ideal for mobile and crawler excavation. Making use of efficient hydraulic quick-change devices, the boom-mounted compactors can be adapted within seconds to fit positively and also hydraulically on all excavator arms.

Applications include ditch, slope and hillside compaction. Different plate sizes are designed to cope with confined work in areas or projects in inner city areas.

## Applications

- Structure backfill work
- Pipeline construction
- Confined work spaces, shaft compaction
- Areas under development
- Slope and hillside compaction

## Hydraulic System (Valid for all models)

Return line pressure ..... 363 psi (25 bar)  
 Oil quantity ..... Up to 63 gal./min. (240 l/min)  
 Operating pressure ..... 1,740 psi (120 bar)  
 Maximum pressure..... 3,626 psi (250 bar)

*Protected guidance of the hydraulic hoses*  
*Completely maintenance-free*

*Oil flow limiter and high pressure valve for protection, preset in the factory.*

*Patented 360° hydraulic rotary coupling and motor*

*Upper structure designed for high mechanical pressure from the excavator arm*

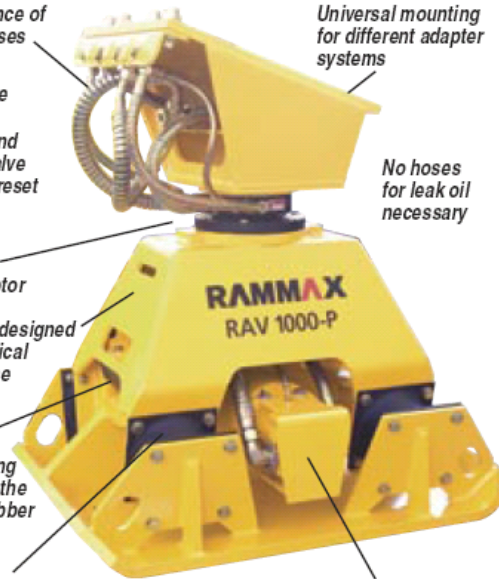
*Patented movement limiting system protects the structure and rubber mounts*

*Rubber mounts diagonally mounted for long life*

*Universal mounting for different adapter systems*

*No hoses for leak oil necessary*

*Maintenance-free exciter shaft in the center of the unit.*



## Adapters

The boom-mounted compactors are delivered with a universal adapter plate and hydraulic connection terminal. All current adapter systems can be mounted, for example:

- Oil-Quick
- Lifufix
- Lehnhoff

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## Specifications

	RAV-1000P	RAV-700P	RAV-400P*
Overall length in. (mm)	48.62 (1235)	42 (1070)	31.5 (800)
Overall width in. (mm)	34.6 (880)	29.1 (740)	17.7 (450)
Overall height in. (mm)‡	34.5 (875)	33.7 (855)	23.6 (600)
Required oil volume for lubrication gal./min. (l/min.)	34 (130)	18 (68)	17 (65)
Attachment weight lb. (kg)	2,205 (1000)	1,543 (700)	882 (400)
Frequency Hz	30	30	30
Centrifugal force ft. lbs. (kN)	24,750 (110)	18,450 (82)	11,700 (52)
Recommended size of excavator (ton)	18-40	7-20	2-15

‡ Height to upper edge of rotary coupling (excluding adapter)

\* Available Fall 2005

Your Multiquip dealer is:

**Superiorequipmentonline.com**



All features and specifications are subject to change without notice.  
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