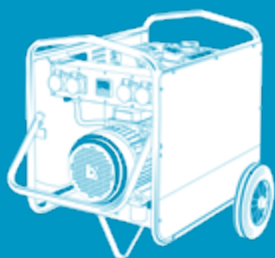


# CONCRETE EQUIPMENT

Vibration



*Atlas Copco*



## THE *QUALITY* PROCESS

We want your creations to last for a long time. Follow these five steps to maximize the lifetime of your concrete creations



### STEP 1: MASONRY

Before pouring the concrete, steel rebars are put in place to reinforce it.

### VIBRATIONS



### STEP 2: REMOVE AIR WITH VIBRATIONS

Vibration helps remove the air voids from freshly poured concrete. It increases the density and makes the finished concrete stronger. Depending on the depth and slump

of the concrete, you can accomplish it with a poker, screed or external vibrator. We offer a wide range of high performance pokers and external vibrators.

#### ELECTRONIC & HIGH FREQUENCY POKER



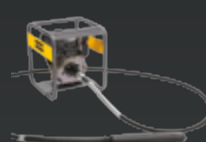
⚡ SMART & AME

#### ELECTRIC POKER



⚡ CF-range + AX/AX-E or Vibrastar

#### MECHANICAL POKER



AMG/AMD + AA or AZ

#### PNEUMATIC POKER



AY



### STEP 3: LEVELLING

In most situations you have to level the concrete to create an even surface. We offer screeds with both surface and depth vibration that can handle both big and small challenges.



### STEP 4: SURFACING

Once the concrete reaches a plastic state, power trowels are used to remove irregularities from the screeded surface, creating a smooth finish that further strengthens the concrete.



### STEP 5: CUTTING

When the concrete is dry it's time to cut expansion joints to control where the concrete will crack. Our cutting saws offer a maximum cutting depth of 153 mm.

### MORE INFO

#### Atlas Copco Construction App

Find product information, videos, technical data, request quotes and contact us, all within this simple app.

#### Available from:



#### See what we are up to on:



ELECTRONIC POKERS

POWERFUL POKERS  
FOR ANY APPLICATION

Our Smart series of pokers are easy to handle, with rapid acceleration, minimal hand/arm vibration, and no need for refuelling.

1. Plug and poke

With built-in frequency converters, a regular single-phase wall socket\* is all you need to power up and start poking.

2. Easy handling

Fifteen metres of cable and five metres of hose give Smart exceptional reach around the worksite.

3. Work faster

A frequency of 12,000 vpm across the smart series range ensures high centrifugal force, stable speed and high amplitude - excellent concrete vibration with fewer operator dips.

4. Ergonomic motor-in-head design

Having the motor in the head keeps vibrations where they belong – in the concrete rather than in the operator’s hands and arms.

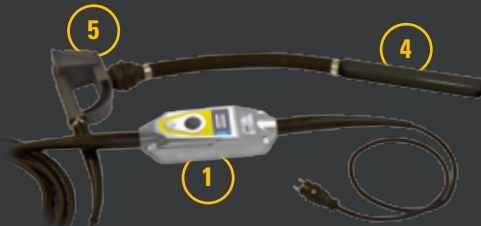
5. Healthier workplaces

Using electricity instead of petrol means no fumes and less noise. Pistol grip handles reduce hand/arm vibration. And the built-in converter is well protected against shock, overload and overheating.

\*Primary voltage, V ±10%, 115V-1-50/60 Hz or 230V-1-50/60 Hz



Smart 48



Smart-E48

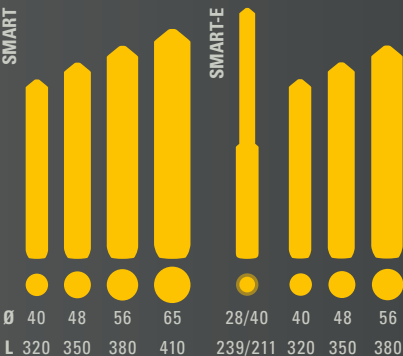
SMART

There is a Smart poker for almost any given situation. For more detailed questions please contact your local dealer.

TUBE SIZES

E28 is a double stage poker.

All measurements are in mm. L = Length Ø = Diameter



RADIUS OF ACTION

Up to: 12x diameter



ENERGY & DRIVE UNIT

Built in

CONSISTENCY

High to low slump

| SMART/SMART-E POKERS<br>8 & 10 m hose |                  | 48              |                 | 56              |                 |
|---------------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| Hose length                           | m                | 8               | 10              | 8               | 10              |
| Cable length                          | m                | 15              | 15              | 15              | 15              |
| Converter dimensions<br>L x W x H     | mm               | 300 x 100 x 80  |                 | 300 x 100 x 80  |                 |
| Vibration value                       | m/s <sup>2</sup> | 3.81            | 2.47            | 5.87            | 4.62            |
| Part number:<br>230V-1-50/60Hz        |                  | 4812<br>0521 85 | 4812<br>0521 86 | 4812<br>0521 87 | 4812<br>0521 88 |

| SMART/SMART-E POKERS<br>5 m hose |                  | 40             | 48           | 56           | 65           | E28*           | E40*         | E48*         | E56*         |
|----------------------------------|------------------|----------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|
| Hose length                      | m                | 5              | 5            | 5            | 5            | 0.5            | 0.5          | 0.5          | 0.5          |
| Cable length                     | m                | 15             | 15           | 15           | 15           | 15             | 15           | 15           | 15           |
| Converter dimensions L x W x H   | mm               | 300 x 100 x 80 |              |              |              | 300 x 100 x 80 |              |              |              |
| Vibration value                  | m/s <sup>2</sup> | 3.81           | 2.47         | 5.87         | 4.62         | 0.6            | 0.6          | 0.55         | 0.53         |
| Part number: 230V-1-50/60Hz      |                  | 4812 0521 50   | 4812 0521 51 | 4812 0521 52 | 4812 0521 53 | 4812 0508 62   | 4812 0508 63 | 4812 0508 64 | 4812 0508 65 |
| Part number: 115V-1-50/60Hz      | UK               | 4812 0521 54   | 4812 0521 55 | 4812 0521 56 | -            | -              | 4812 0521 65 | 4812 0521 66 | 4812 0521 67 |
| Part number: 115V-1-50/60Hz      | US/CAN           | 4812 0521 57   | 4812 0521 58 | 4812 0521 59 | -            | -              | -            | -            | -            |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1207 01) at [www.acprintshop.com](http://www.acprintshop.com) \*E reduced vibration handle.

## HIGH FREQUENCY POKERS

# PERFECT FOR THIN LAYERS

Versatile systems with portable electric drive unit and different configuration for ideal work in floors, slabs, columns and pillars. The light AME600 is perfect for thin layers of concrete from medium to high slump, and the AME1600 system from low to high slump concrete.

### Powerful

Double insulated motors are equipped with automatic cut-off protection. Conical pendulum raceway prevents rpm-losses when pokers are immersed in the concrete.

### Quick & Easy Service

Removable plugs for easy brush replacement. Easy poker and hose change with quick coupling and easy to reach locking screw. A shoulder strap leaves both hands free.

### Robust

Foam filters on the electric engine air inlet protects against shocks, dust and water.

## AME600

Perfect for thin layers

### 1. Operator friendly

Rubber padded handle for reduced hand/arm vibration (below 2.5 m/s).

### 2. Reaches further

5-meter cable for great reach around the socket.

### 3. Versatile

Can run three different poker diameters; 25, 35 & 45 mm on three different flexible shaft lengths; 1, 2 & 3 m (except 45 mm diameter).



AME600

| DRIVE UNITS       |                  | AME600          | AME1600         |                 |                 |
|-------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| Voltage           | V/Hz             | 230V-1-50/60 Hz | 115V-1-50/60 Hz | 115V-1-50/60 Hz | 230V-1-50/60 Hz |
| Power             | kw               | 0.6             | 1.6             | 1.6             | 1.6             |
| Rated consumption | A                | 2.7             | -               | -               | -               |
| Frequency         | vpm              | 3,000           | 12,000          | 12,000          | 12,000          |
| Weight            | kg               | 1.9             | 6.1             | 6.1             | 6.1             |
| Vibration value   | m/s <sup>2</sup> | 1.2             | 2.84            | 2.84            | 2.84            |
| Protection level  |                  | -               | IP44            | IP44            | IP44            |
| Part number       | UK               | 4812 0508 72    | -               | 4812 0520 44    | 4812 0520 43    |
| Part number       | US/CAN           | -               | 4812 0520 46    | -               | -               |

## AME1600

More power and combinations

### 4. Long lasting

Oil lubrication (AT59 poker head) contribute to long life and keep life cycle costs down.

### 5. Durable

Rubber outer membrane helps protect the drive unit from shock, dust and general wear.

### 6. Versatile

Flexible shafts with square fittings for easy disassembly when greasing. 20 different poker head and shaft combinations.



AME1600

| FLEXIBLE SHAFTS Superflex |   | 10           | 15           | 20           | 30           | 40           |
|---------------------------|---|--------------|--------------|--------------|--------------|--------------|
| Length                    | m | 1            | 1,5          | 2            | 3            | 4            |
| Part number               |   | 4812 0508 13 | 4812 0508 14 | 4812 0508 15 | 4812 0508 16 | 4812 0508 17 |

| POKER HEADS (High frequency) |                  | AME600       |              |              |              |              |              |              |              | AME1600 |         |         |         |
|------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------|---------|---------|---------|
|                              |                  | HA 25/1      | HA 25/2      | HA 25/3      | HA 35/1      | HA 35/2      | HA 35/3      | HA 45/1      | HA 45/2      | AT29    | AT39    | AT49    | AT59    |
| Tube weight                  |                  | -            | -            | -            | -            | -            | -            | -            | -            | 1.3     | 2.1     | 2.7     | 3.9     |
| Flexible shaft               | m                | 1            | 2            | 3            | 1            | 2            | 3            | 1            | 2            | -       | -       | -       | -       |
| Total weight                 | kg               | 2.8          | 4.1          | 5.4          | 4.4          | 6            | 7.6          | 5.8          | 7.4          | -       | -       | -       | -       |
| Frequency                    | vpm              | 12,000       |              |              | 12,000       |              |              | 12,000       |              | 12,000  |         |         |         |
| Vibration value              | m/s <sup>2</sup> | 1.7          |              |              | 1.7          |              |              | 1.7          |              | 12.09   | 8.86    | 9.74    | 10.29   |
| Noise level                  | dB(A)            | -            | -            | -            | -            | -            | -            | -            | -            | 75      | 75      | 84      | 84      |
| Part number                  |                  | 4812 0512 50 | 4812 0512 51 | 4812 0512 52 | 4812 0512 53 | 4812 0512 54 | 4812 0512 55 | 4812 0512 56 | 4812 0512 57 | 0508 05 | 0508 06 | 0508 07 | 0508 08 |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1713 01) at [www.acprintshop.com](http://www.acprintshop.com)



## AME600

Curious about how the high frequency poker can help you perform?  
Get to know the AME600 here.

### TUBE SIZES

All measurements are in mm. L = Length Ø = Diameter

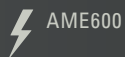


### RADIUS OF ACTION, HA

Up to: 8x diameter



### ENERGY & DRIVE UNIT



AME600

### CONSISTENCY

High to medium slump

### FLEXIBLE SHAFT

Available in 1, 2, 3 metres, except for HA45, see table on page 4.

## AME1600

Looking for the right tool for your project?  
Our concrete specialist are more than happy to help.

### TUBE SIZES

All measurements are in mm. L = Length Ø = Diameter

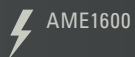


### RADIUS OF ACTION, AT

Up to: 10x diameter



### ENERGY & DRIVE UNIT



AME1600

### CONSISTENCY

High to low slump

### FLEXIBLE SHAFT

Available in 1, 1.5, 2, 3, 4 metres.

## ELECTRIC POKERS

# ELECTRIC VIBRATION FOR ALL OCCASIONS

User-friendly with minimal downtime – that's a great summary of our electric pokers.

### Smart power sharing

The AX and Vibrastar are electric pokers working on 42V-3-200Hz. They can be used together with any of our converters or engine driven generators: CF, CFG & CFD.

### Easy handling

Both feature an aluminum toggle switch box, 5m hose and 10m cable. A 20m extension cable is available as an option. Oil lubrication extends life time and thermal protection make sure they don't overheat.

### Work faster

High frequency, 12 000vpm (except AX90 : 6000vpm), provides excellent concrete vibration with fewer operator dips.

## AX POKER

All you ever need from an electric poker

### 1. Wide range

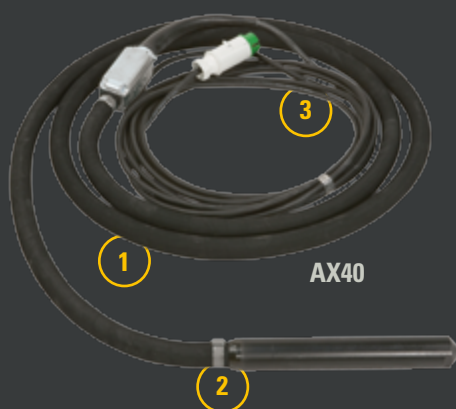
Handles all type of concrete, from low to high slump.

### 2. Long life

Features roller bearings\* and induction hardened steel for extended lifetime.

### 3. Flexible materials

Hoses and cables features excellent resistance, traction and bending qualities.



## VIBRASTAR

A cost-effective choice for less challenging applications

### 4. Lots of uptime

Vibrastar is a reliable and robust poker, designed for medium to high slump concrete.

### 5. Ergonomic design

Low hand and arm vibration value thanks to double ball bearing with eccentric in the middle.

### 6. Energy efficient

Low ampere consumption.



\*except AX40

| VIBRASTAR       |                  | 40           | 50           | 60           |
|-----------------|------------------|--------------|--------------|--------------|
| Tube weight     | kg               | 1.84         | 3.06         | 5.1          |
| Cable length    | m                | 10           | 10           | 10           |
| Hose length     | m                | 5            | 5            | 5            |
| Ampere at 42V   | A                | 4            | 8            | 11           |
| Vibration value | m/s <sup>2</sup> | 1.8          | 3.28         | 3.23         |
| Part number     |                  | 4812 0508 49 | 4812 0508 50 | 4812 0508 51 |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1181 01) at [www.acprintshop.com](http://www.acprintshop.com)

### EXTENSION CORDS FOR AX & VIBRASTAR

|             |   |              |              |              |              |
|-------------|---|--------------|--------------|--------------|--------------|
| Length      | m | 5            | 10           | 15           | 20           |
| Part number |   | 4700 1814 13 | 4700 1814 14 | 4700 1814 15 | 4700 1814 16 |

Cable including male and female plug only for 42 V-3-200 Hz tools.

| AX/AXE POKERS   |                  | AX36         | AX40         | AX48         | AX56         | AX65         | AX90         | AX28E*       | AX40E*       | AX48E*       | AX56E*       |
|-----------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Tube weight     | kg               | 2.1          | 2.1          | 4.1          | 5.1          | 7.7          | 18           | 2.4          | 2.1          | 4.1          | 5.1          |
| Cable length    | m                | 10           | 10           | 10           | 10           | 10           | 10           | 10           | 10           | 10           | 10           |
| Hose length     | m                | 5            | 5            | 5            | 5            | 5            | 5            | 0.5          | 0.5          | 0.5          | 0.5          |
| Ampere at 42 V  | A                | 6.2          | 4.5          | 10           | 11.7         | 19           | 21           | 4            | 4.5          | 10           | 11.5         |
| Voltage         | V                | 42V-3-200 Hz |              |              |              |              |              | 42V-3-200 Hz |              |              |              |
| Vibration value | m/s <sup>2</sup> | 3.81         | 3.81         | 3.53         | 3.66         | 4.62         | 5.06         | 0.6          | 0.6          | 0.55         | 0.53         |
| Part number     |                  | 4812 0508 27 | 4812 0508 28 | 4812 0508 29 | 4812 0508 30 | 4812 0508 31 | 4812 0508 79 | 4812 0508 44 | 4812 0508 40 | 4812 0508 41 | 4812 0508 42 |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions at [www.acprintshop.com](http://www.acprintshop.com) \*AXE reduced vibration handle.



## AX & AXE POKERS

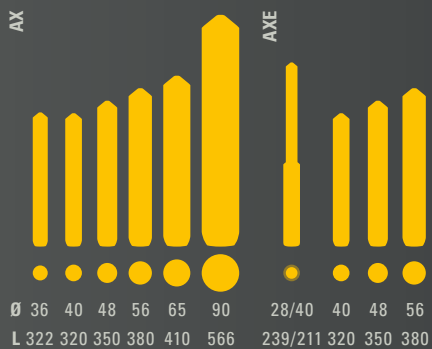
There is a AX poker for almost any given situation.

For more detailed questions please contact your local dealer.

### TUBE SIZES

AX28E is a double stage poker.

All measurements are in mm. L = Length Ø = Diameter



### RADIUS OF ACTION

Up to: 10x diameter



### ENERGY & DRIVE UNIT

⚡ CF, CFG and CFD

### CONSISTENCY

High to low slump

### EXTENSION CORD

Available in 5, 10, 15 and 20 metres.

## VIBRASTAR

There is a Vibrastar poker for almost any given situation.

For more detailed questions please contact your local dealer.

### TUBE SIZES

All measurements are in mm. L = Length Ø = Diameter



### RADIUS OF ACTION

Up to: 8x diameter



### ENERGY & DRIVE UNIT

⚡ CF, CFG and CFD

### CONSISTENCY

High to medium slump

### EXTENSION CORD

Available in 5, 10, 15 and 20 metres.

## GENERATORS & FREQUENCY CONVERTERS

# POWERING YOUR POKERS

Our electric frequency converters and engine driven generators can supply several pokers with power simultaneously.

### Work effectively

Generators and converters deliver 42V-3-200Hz. Up to four pokers can be run from one generator or frequency converter.

### Work easy

All models include handles for easy transport. Transportation wheels come as standard on the 67A and are optional for all other models.

### Work safe

All models are built with permanent magnet generators. Side panels protect vital parts from concrete splashes.

## CONVERTERS

### 1. Stable

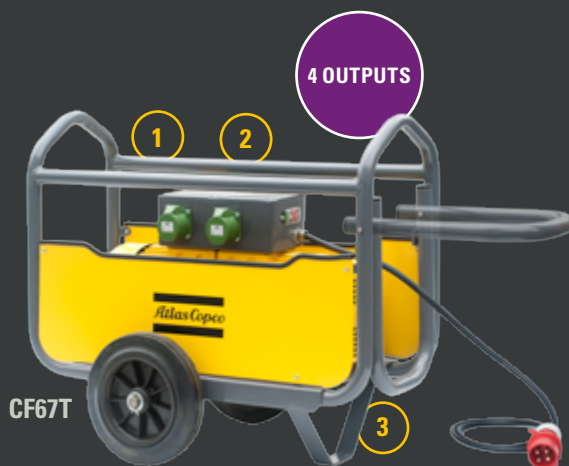
Connected on main socket, single phase or three phase, depending on model, all converters deliver stable output.

### 2. Safe

All models come with built-in overheat protection.

### 3. Easy

In case of a voltage drop the converter will not restart until a button is pushed.



CF67T



### CF converters and generators

Preferred drive unit for all 42V-3-200Hz pokers (AX, AX-E, VIBRASTAR and ER-7B series)

## GENERATORS

### 4. Safe

Equipped with voltmeters.

### 5. Easy

Kill ignition switch on the main panel.

### 6. Reliable

Renowned engines from Lombardini (diesel) and Honda (petrol).



CFG 67

| FREQUENCY CONVERTERS               |       | CF11         | CF25         | CF67T                       |
|------------------------------------|-------|--------------|--------------|-----------------------------|
| Power                              | kVA   | 0.8          | 1.8          | 4.7                         |
| Intensity at 42V                   | A     | 11           | 25           | 67                          |
| Number of phases (primary voltage) |       | 1            | 1 or 3       | 3                           |
| Number of outlets                  |       | 1            | 2            | 4                           |
| Weight                             | kg    | 18           | 31           | 70                          |
| Protection index                   |       | IP55         | IP55         | IP55                        |
| Noise level                        | dB(A) | 76           | 80           | 85                          |
| Transport wheels                   |       | -            | optional     | standard                    |
| <b>Partnumber</b>                  |       |              |              |                             |
| 230V-1-50Hz                        |       | 4812 0503 95 | 4812 0503 94 | -                           |
| 400V-3-50 Hz (CI4P <sup>1</sup> )  |       | -            | 4812 0503 93 | 4812 0510 51 (4812 0510 53) |
| 380V-3-60 Hz (CI4P <sup>1</sup> )  |       | -            | -            | 4812 0510 78                |
| Transport wheels                   |       | -            | 4812 0503 99 | -                           |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1209 01) at [www.acprintshop.com](http://www.acprintshop.com). 1) CI4P = Four outlets with motor breakers that protect the external vibrators against high ampere consumption.

| GENERATORS                            |       | CFG 25       | CFD 33               | CFG 67       | CFD 67               |
|---------------------------------------|-------|--------------|----------------------|--------------|----------------------|
| Engine type - 4-stroke & manual start |       | Honda GX 160 | Lombardini 15 LD 225 | Honda GX 270 | Lombardini 15 LD 350 |
| Fuel                                  |       | Petrol       | Diesel               | Petrol       | Diesel               |
| Max power at 3,000 r.p.m              | hp    | 4.8          | 4.8                  | 8.4          | 7.4                  |
| Rated speed                           | rpm   | 3,000        | 3,000                | 3,000        | 3,000                |
| Output rated power                    | kVA   | 1.8          | 2                    | 4.7          | 4.6                  |
| Number of outlets                     |       | 2            | 3                    | 4            | 4                    |
| Rated amperage                        | A     | 25           | 33                   | 67           | 65                   |
| Rated output voltage                  | V-Hz  | 42V-3-200Hz  |                      |              |                      |
| Weight                                | kg    | 45           | 68                   | 85           | 95                   |
| Noise level (Lw)                      | dB(A) | 93           | 104                  | 96           | 107                  |
| Wheels                                |       | optional     | optional             | yes          | yes                  |

### Partnumber

|                  |     |              |              |              |              |
|------------------|-----|--------------|--------------|--------------|--------------|
|                  |     | 4812 0514 70 | 4812 0514 71 | 4812 0514 72 | 4812 0514 73 |
| Transport wheels | set | 4812 0514 67 | 4812 0514 68 | -            | -            |

## MECHANICAL POKERS

# A CLASSIC YOU CAN TRUST

Our AMD3000 mechanical poker has been continuously refined over the years. Constant high vibration makes the pokers in this range reliable and effective.

### Stable performance

AA and AZ are pendulum pokers. The conical shape of the pendulum raceway increases the friction area within the poker head to keep speed up and prevent rpm losses.

### Efficient

Both pokers features the Dynapac coupling with flexible shafts. These pokers are powered by modern petrol or diesel drive units with low fuel consumption and exhaust emissions.

### Top-class components

The use of induction-hardened magnesium steel alloy in the major wearing parts and steel reinforcement in the rubber hose contribute to a long service life. The simple design makes maintenance easy and inexpensive. Service kits are available.

## AA POKER

### 1. Reach is king

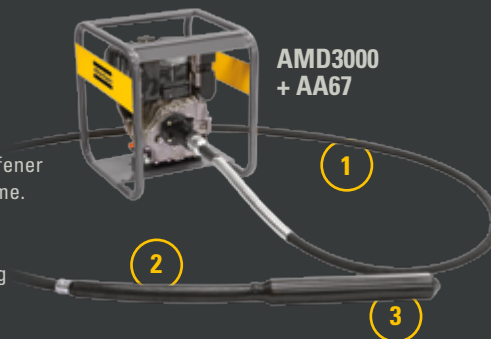
AA comes with a 6m long hose.

### 2. Reliability

AA47, AA67, AA77 comes with a hose stiffener near vibrating element for extended life time.

### 3. Power

Longer pendulum shaft turning in a bearing raceway extends lifetime with higher centrifugal force involved.



## AZ POKER

### 4. User friendly

AZ comes with 5m long hose.

### 5. Smart

To reduce weight, the pendulum shaft turns directly inside the end-cap.

### 6. Tough

High induction hardened steel parts.

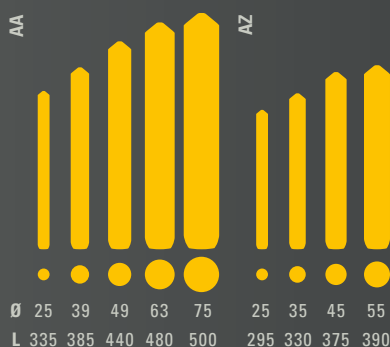


## MECHANICAL POKERS

Choose the drive unit, shaft and poker that fit your needs. For in depth info, contact your local dealer.

### TUBE SIZES

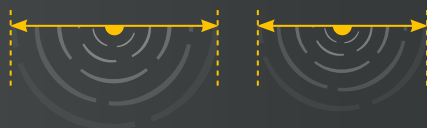
All measurements are in mm. L = Length Ø = Diameter



### RADIUS OF ACTION

AA up to: 10x diameter

AZ up to: 8x diameter



### ENERGY & DRIVE UNIT

AMD3000 and AMG3200



### CONSISTENCY

AA: Low to high slump

AZ: Medium to high slump

| DRIVE UNITS                    |       | AMD3000      | AMG3200      |
|--------------------------------|-------|--------------|--------------|
| Fuel                           |       | Diesel       | Petrol       |
| Power                          | hp    | 4            | 5.5          |
| Speed                          | rpm   | 2,900        | 2,900        |
| Weight                         | kg    | 46           | 15           |
| Engine brand                   |       | Lombardini   | Honda        |
| Noise level                    | dB(A) | 79           | 75.7         |
| Part number standard coupling  |       | 4812 0508 75 | 4812 0508 76 |
| Safety & Operating Instruction |       | 9800 1167 01 | 9800 1169 01 |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions at [www.acprintshop.com](http://www.acprintshop.com) (see table above for ID number).

| MECHANICAL POKER HEADS<br>(Pendulum type) |                  | AA POKERS    |              |              |              |              | AZ POKERS    |              |              |              |
|---|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|   |                  | AA27         | AA37         | AA47         | AA67         | AA77         | AZ26         | AZ36         | AZ46         | AZ56         |
| Tube weight                               | kg               | 0.9          | 2.1          | 4            | 6.8          | 9            | 0.5          | 1.8          | 1.9          | 2.0          |
| Frequency                                 | vpm              | 12,000       | 12,000       | 11,200       | 10,500       | 9,200        | 12,000       | 12,000       | 12,000       | 11,300       |
| Vibration value                           | m/s <sup>2</sup> | 2.46         | 1.56         | 3.52         | 2.66         | 3.16         | 2.00         | 5.22         | 2.42         | 8.27         |
| Noise level                               | dB(A)            | 69           | 68           | 73           | 75.8         | 75.7         | 77.50        | 82.00        | 87.40        | 90.00        |
| Part number standard coupling             |                  | 4812 0508 00 | 4812 0508 01 | 4812 0508 02 | 4812 0508 03 | 4812 0508 04 | 4812 0508 09 | 4812 0508 10 | 4812 0508 11 | 4812 0508 12 |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1163 01 and 9800 1179 01) at [www.acprintshop.com](http://www.acprintshop.com)

## PNEUMATIC POKERS

# A POKER FOR YOUR COMPRESSOR

If there's a compressor at the worksite a pneumatic vibration solution is both economical and efficient. A lubricator is available as an option.

### 1. Robust

Increased wear resistance thanks to dual layer reinforcement in shaft.

### 2. Few moving parts

The absence of moving parts in the hose means less hand/arm vibration and extended service life.

### 3. Easy handling

The smart, easy-to-twist ball stop handle helps avoid air leakage and power losses.

### 4. Stays cool

AY pokers are excellent for walls and columns because they're air-cooled and don't depend on the concrete to keep the temperature down.

### 5. User friendly

The AY157 is equipped with two handles.

### 6. Wide variety of applications

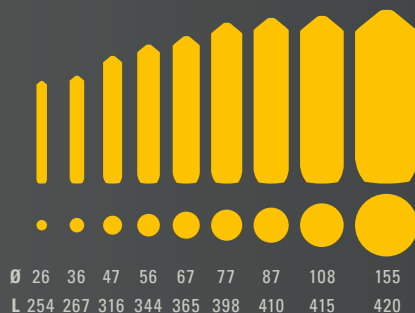
High centrifugal force (12,000vpm) and acceleration makes pneumatic pokers ideal for everything from concrete lab tests to dam construction projects.

## PNEUMATIC POKERS

Our aim is to give you exactly the right tool for your task. Contact your local dealer for more info.

### TUBE SIZES

All measurements are in mm. L = Length Ø = Diameter



### RADIUS OF ACTION

Up to: 12x diameter



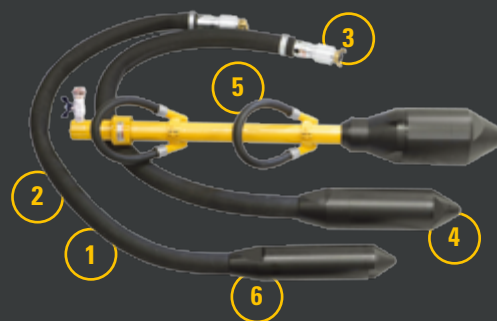
### ENERGY & DRIVE UNIT

XAS compressor



### CONSISTENCY

Low to high slump



## COMPRESSOR + POKER

### What are your needs?

- Find the compressor or poker you want to use.
- The chart shows how many pokers you can run with a particular compressor.



| PNEUMATIC POKER |            |        | AY27     | AY37     | AY47    | AY57   | AY67   | AY77   | AY87   | AY107  | AY157  |
|-----------------|------------|--------|----------|----------|---------|--------|--------|--------|--------|--------|--------|
| COMPRESSOR      | CFM        |        | 12.7     | 16.3     | 24.7    | 35.3   | 35.3   | 45.9   | 56.5   | 67.1   | 95.4   |
|                 | m³/min     |        | 0.36     | 0.46     | 0.7     | 1      | 1      | 1.3    | 1.6    | 1.9    | 2.7    |
| XAS 38 KD       | 70         | 2      | 5        | 4        | 2       | 2      | 2      | 1      | 1      | 1      | 0      |
| XAS 48 KD       | 90         | 2,5    | 6        | 5        | 3       | 2      | 2      | 1      | 1      | 1      | 0      |
| XAS 58 KD       | 120        | 3      | 8        | 6        | 4       | 3      | 3      | 2      | 1      | 1      | 1      |
| XAS 68 KD       | 135        | 3,5    | 9        | 7        | 5       | 3      | 3      | 2      | 2      | 1      | 1      |
| XAS 78 KD       | 160        | 4,5    | 12       | 9        | 6       | 4      | 4      | 3      | 2      | 2      | 1      |
| XAS 88 KD       | 175        | 5      | 13       | 10       | 7       | 5      | 5      | 3      | 3      | 2      | 1      |
| XAS 138 PACE    | 189 to 250 | 5 to 7 | 13 to 19 | 10 to 15 | 7 to 10 | 5 to 7 | 5 to 7 | 3 to 5 | 3 to 4 | 2 to 3 | 1 to 2 |

Compressor output

Number of vibrators per compressor

| PNEUMATIC POKER                |        | AY27         | AY37         | AY47         | AY57         | AY67         | AY77         | AY87         | AY107        | AY157        |
|--------------------------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Tube weight                    | kg     | 0.7          | 1.5          | 2.8          | 4.5          | 7.9          | 8.9          | 9.7          | 17.7         | 28           |
| Hose length                    | m      | 2            | 2            | 2            | 2            | 2            | 2            | 1.5          | 1.5          | 0.8          |
| Vibration value                | m/s²   | 0.51         | 1.02         | 2.13         | 2.10         | 2.38         | 4.9          | 1.95         | 2.91         | 12.29        |
| Air consumption                | m³/min | 0.36         | 0.46         | 0.7          | 1            | 1            | 1.3          | 1.6          | 1.9          | 2.7          |
| Part number                    |        | -            | -            | -            | -            | -            | -            | 4812 0508 24 | 4812 0508 25 | 4812 0508 26 |
| 2 m hose                       |        | 4812 0508 18 | 4812 0508 19 | 4812 0508 20 | 4812 0508 21 | 4812 0508 22 | 4812 0508 23 | -            | -            | -            |
| 4 m hose                       |        | 4812 0508 81 | 4812 0508 83 | 4812 0508 85 | 4812 0508 87 | 4812 0508 89 | 4812 0508 91 | -            | -            | -            |
| 6 m hose                       |        | 4812 0508 82 | 4812 0508 84 | 4812 0508 86 | 4812 0508 88 | 4812 0508 90 | 4812 0508 92 | -            | -            | -            |
| Optional lubricator - external |        | 8202 5102 39 | 8202 5102 39 | 8202 5102 39 | 8202 5102 39 | 8202 5102 39 | 8202 5102 39 | 8202 5102 39 | 8202 5102 39 | 8202 5102 39 |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1177 01) at [www.acprintshop.com](http://www.acprintshop.com)

CLG30 Optional internal lubricator mounted on the hose between poker and compressor.

## EXTERNAL VIBRATORS

# IDEAL FOR STEEL FORMS

We offer a wide range of vibrators from high-speed pneumatic to normal-frequency electric – all with adjustable centrifugal force.

### 1. ER electric vibrators

The ER series provides high centrifugal force. To increase flexibility and cost effectiveness, the ER207B, ER407B and ER507B vibrators are mounted on quick-release brackets. This makes them easy to move, so that you don't need as many of them as you otherwise would.

### 2. EP pneumatic vibrators

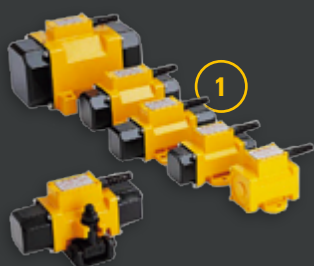
The EP series is suitable for all concrete mixes on civil engineering sites and in precast factories. A single moving part improves the possibility of seamless operation. The integrated noise reducer makes these vibrators very quiet. They too are available with quick-release brackets.

### 3. Adjustable centrifugal force

You have the flexibility to adjust as you like to suit the job at hand.

### 4. Quick-release brackets

You can secure the vibrator and increase flexibility during use with the quick-release brackets.



| HIGH SPEED VIBRATORS     |       | ELECTRIC     |              |              | PNEUMATIC    |              |              |              |
|--------------------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                          |       | ER207B       | ER407B       | ER507B       | EP121B       | EP271B       | EP371B       | EP601B       |
| Speed                    | rpm   | 6,000        | 6,000        | 6,000        | 9,000        | 9,350        | 9,350        | 8,800        |
| Max. centrifugal force   | N     | 7,400        | 11,000       | 16,000       | 8,100        | 10,350       | 26,800       | 31,500       |
| Voltage                  | V/Hz  | 42-3-200     | 42-3-200     | 42-3-200     | -            | -            | -            | -            |
| Intensity                | A     | 12.5         | 16.5         | 23.5         | -            | -            | -            | -            |
| Air consumption          | l/min | 10.5         | 15.5         | 23.2         | 1,200        | 1,200        | 1,400        | 1,400        |
| Weight                   | kg    | -            | -            | -            | 9.5          | 10           | 16.5         | 18           |
| Bracket attachment       |       | VT2          | VT4          | VT4          | VT2          | VT2          | VT4          | VT4          |
| Part number 42V-3-200 Hz |       | 4812 0509 80 | 4812 0509 81 | 4812 0509 82 | -            | -            | -            | -            |
| Part number              |       | -            | -            | -            | 4812 0509 86 | 4812 0509 87 | 4812 0509 88 | 4812 0509 89 |
| Bracket                  |       | 4700 1025 69 | 4700 1019 70 | 4700 1019 70 | 4700 1025 69 | 4700 1025 69 | 4700 1019 70 | 4700 1019 70 |

| NORMAL SPEED ELECTRIC VIBRATORS |     | ER105        | ER205        | ER305        | ER405        | ER505        | ER605        | ER705        |
|---------------------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Speed                           | rpm | 3,000        | 3,000        | 3,000        | 3,000        | 3,000        | 3,000        | 3,000        |
| Max. centrifugal force          | N   | 500          | 1,400        | 3,000        | 6,000        | 8,000        | 12,000       | 16,000       |
| Intensity at 230/400V           | A   | 0.16/0.09    | 0.3/0.18     | 0.7/0.4      | 1.8/1.09     | 2.2/1.3      | 3.3/1.9      | 4.2/2.5      |
| Weight                          | kg  | 2.7          | 4.3          | 11           | 20           | 22           | 44.6         | 46.8         |
| Part number 230/400V-3-50HZ     |     | 4812 0509 10 | 4812 0509 20 | 4812 0509 30 | 4812 0509 40 | 4812 0509 50 | 4812 0509 60 | 4812 0509 70 |
| Bracket                         |     | -            | -            | -            | 4700 1857 71 | 4700 1857 71 | -            | -            |

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1199 01 and 9800 1197 01) at [www.acprintshop.com](http://www.acprintshop.com)

| QUICK RELEASE BRACKET | VT2          | VT4          | ER405/ER505* |
|-----------------------|--------------|--------------|--------------|
| Part number           | 4700 1025 69 | 4700 1019 70 | 4700 1857 71 |

\* Quick release bracket for ER405 and ER505

| EXTENSION CORDS FOR ER-7B SERIES |   |              |              |              |              |
|----------------------------------|---|--------------|--------------|--------------|--------------|
| Length                           | m | 5            | 10           | 15           | 20           |
| Part number                      |   | 4700 1814 13 | 4700 1814 14 | 4700 1814 15 | 4700 1814 16 |

Cable including male and female plug only for 42 V-3-200 Hz tools.

## ***COMMITTED TO SUSTAINABLE PRODUCTIVITY***

We stand by our responsibilities towards our customers,  
towards the environment and the people around us.  
We make performance stand the test of time.  
This is what we call – Sustainable Productivity.

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