

TEXTURE COATERS

WITH "STEP SAVER" CONTROL SYSTEM

PLAINTIFF'S EXHIBIT

GP-1946

ABSOLUTE
OPERATOR
CONTROL
AT GUN

5 Models
Available in Complete
Texture Coaters
For Truck Mounting

POLE
GUN
CONTROL

HAND GUN CONTROL

SGP 0025382

BULLETIN A-1

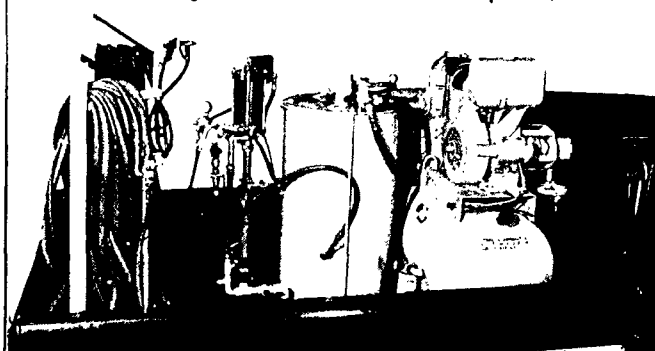
HACKEL BROS. INC. 8519 W. KAUL AVE. MILWAUKEE, WIS.

* Pat. Pend.

POPULAR TEXTURE COATER MODELS for ALL KINDS of TEXTURING!

A SIZE and MODEL for EVERY CONTRACTOR...

MODEL F Single Mixer shown on ¼ ton pickup



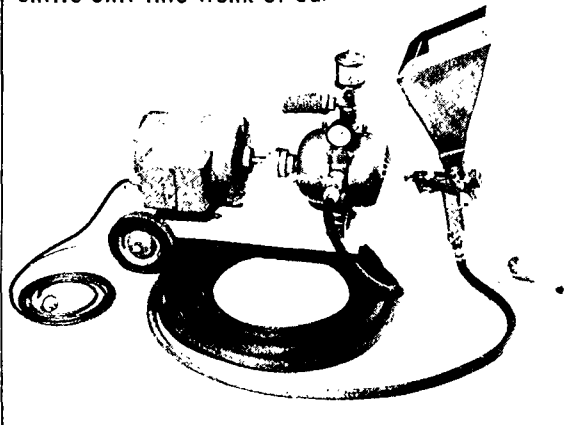
10 speed hydraulic 60 gal. cap. mixer. (Single or dual available.) Automatic cleaning and flushing system. Electric start 12½ h.p. gas engine. 38 CFM air compressor. 10:1 ratio materials pump with stainless steel cylinders. 85 gal. water storage.

MODEL FG Dual Mixer shown on 1 ton flat bed truck



Basic equipment same as above except 18 h.p. 2 cylinder electric start gas engine for added power to mix while texturing.

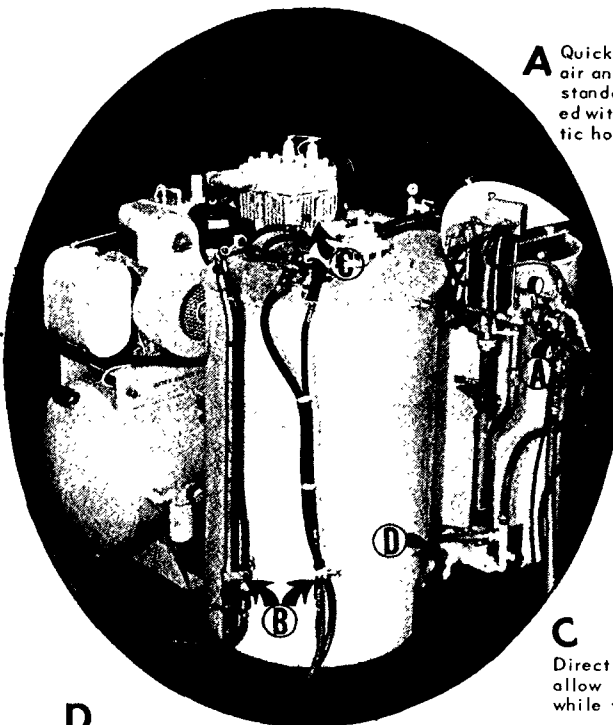
MODEL AA 1 man can lift entire unit into trunk of car



Hopper gun available with 1 or 2 gal. cap. hopper. Model UGT with trigger, Model UGS without trigger. (Made with rust proof materials.) 1 h.p. Electric Air Compressor with oiler and safety valve.

MODEL G Dual Mixer Unit

90 gal. cap. mixer. (Dual mixers only.) 10 speed hydraulic mixer, automatic cleaning and flushing system. 18 h.p. electric start 2 cyl. gas engine. 48 CFM compressor. 135 gal. water storage tank.



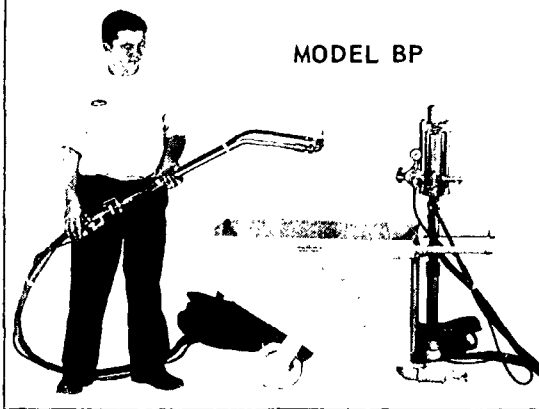
A Quickly detachable (material, air and control hose) couplers standard on machines delivered with both texture and acoustic hose sets.

B STEP SAVER CONTROL SYSTEM
(Pat. Pend.)

C Directional control valve to allow mixing in one mixer while texturing from another.

D 2 port 3-way valve eliminates possibility of intermixing when switching from one material to another.

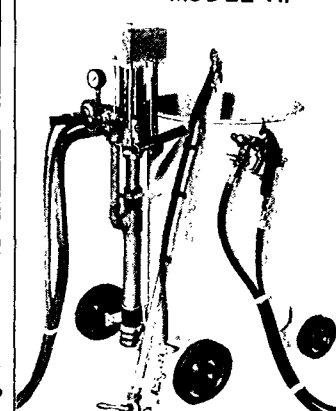
MODEL BP



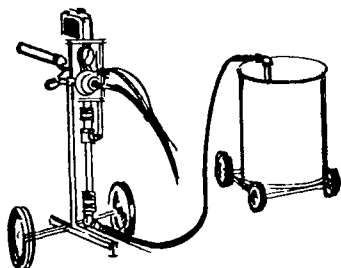
Portable texturing and grouting unit. Has same pumping power and speed as "complete texture" coaters, but has complete portability. Can be used with horizontal mixer Model No. MB. Weight 100 lbs. empty.

IMPORTANT: Both Models AP & BP can be separated into 2 equal weight units in one minute or less.

MODEL AP



Portable texturing unit. Can be used with portable air mixer Model No. MA. Has same texturing speed as large truck mounted rigs, but is limited in pumping distance. Can be moved by 1 man. Weights 70 lbs. empty.



Models APA & BPA have the same capacity as the Model AP & BP except they're mounted on a portable dolly and are provided with suction hoses to enable the user to draw material from any container he desires.

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Texture Coaters

MODEL G

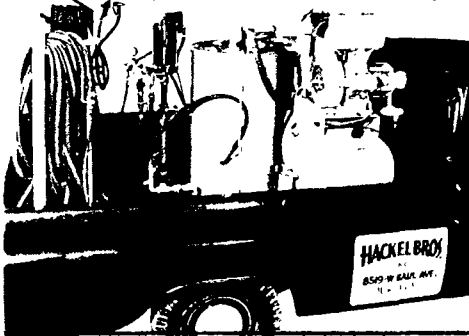
MODELS: F, FG and GF
(Available with single or dual mixers)

MODELS: HG and IG
(With dual mixers)

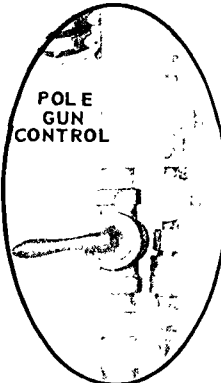
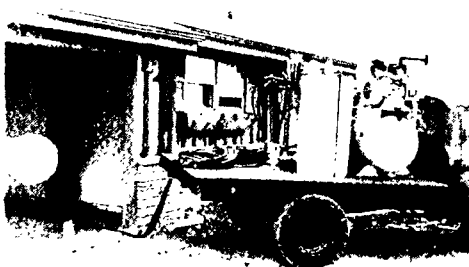
"Step-Saver"* control system is the most accurate control found in the pumping and spraying field today and are standard on all Hackel Texture Coaters. The operator is fully able to *increase* or *decrease* the material volume or the *atomizing* air pressure, start and stop the pump, at any time right at the gun while spraying. This system works with complete precision.

* (Pat. Pend.)

MODEL F (Shown on 3/4-ton truck)



MODEL FG (Shown on 1-ton truck)



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BULLETIN A-5

HACKEL BROS. INC. 8519 W. KAUL AVE. MILWAUKEE, WIS.

FEATURES

GASOLINE ENGINES are air cooled, equipped with stellite valves, magneto ignition, hand throttle, oil bath air cleaner and 12 volt electric starter. Gas tanks are furnished on the Model F only. The Model G, FG, GF, HG and IG are equipped with a mechanical or electric fuel pump which enables pumping gasoline from any source.

AIR COMPRESSORS are duplex cylinder, single stage or duplex cylinder, **two-stage depending on the Model of Texture Coater purchased. Single stage furnishes air up to 115 lbs. of pressure, two stage will furnish air up to 175 lbs. of pressure. Both Models are equipped with automotive type lubrication system, air intake filter and constant speed unloader.

AIR DRIVEN PUMPS with stainless steel cylinders, teflon or neoprene packings in cylinders, hardened valve seats, adjustable air motor cycling valves, and will pump acoustics, imitation acoustics, texture and paint, with equal ease. Pumps with 7½:1 or 10:1 ratios are standard, similar pumps for high volume delivery are available as an optional extra.

FLEXHEAD POLE GUNS (with 45° revolving head) and **FIXED-HEAD** (customer's choice) — both have air and material shut off and are made from rust-proof materials; have an adjustable pattern head and can be used with a large variety of nozzles and will spray anything found in the texturing field. The "Step-Saver" control system is part of the gun.

TEXTURE GUNS are furnished in two models: Special 18 and 18D. Model 18 is used for fine textures, spatters and paint. Model 18D will spray all types of paints and textures, including medium acoustics. A large variety of spray nozzles are available.

WATER STORAGE and flushing system provide water under pressure for mixing and cleaning. Also is compartmentized with a hydraulic reservoir and eliminates an extra tank for hydraulic fluid for the mixing system. All tanks are made of heavy gauge rust-resistant steel.

MATERIALS MIXERS are ten speed, hydraulically driven, equipped with raised bases and pitched bottoms which permits easy cleaning and complete removal of the materials from the mixer barrel if necessary. These mixers will mix a lump free mix of texture or acoustical material in **ten minutes** or less. Mixing chambers are made of 14 gauge steel and have eight mixer blades; can be operated in transit or while texturing.

HOSES are neoprene lined, have high working pressures and are furnished with the best re-usable fittings available. Various sizes and lengths furnished to order.

QUICK COUPLERS are furnished when two or more sets of hoses are being used. Can be connected or disconnected while all hoses are completely pressurized without any loss of material or air. This is a **time saver** and allows the operator to use **two different materials in two different mixers** without having to flush the hoses free of either material before starting on the other. (Quick couplers furnished only when 2 sets of hoses are specified.)

SPECIFICATIONS

MODEL F — 12 hp. elect. start gas engine, 38 CFM air compressor, 10 speed hydraulic 60 gal. mixer and 7½:1 or 10:1 ratio materials pump with "Step-Saver" control system.
(Model F is available with one or two 60 gal. mixers.)

MODEL FG — 18 hp. elect. start two cyl. gas engine, 38 CFM air compressor; 85 gal. water storage and flushing system, dual 10 speed 60 gal. mixers, and 7½:1 or 10:1 ratio materials pump with "Step-Saver" control system.
(Model FG available with 1 or 2 60 gal. mixers.)

MODEL GF — 18 hp. elect. start two cyl. gas engine, 48 CFM air compressor, 135 gal. water storage and flushing system, dual 10 speed 60 gal. mixers; 7½:1 or 10:1 ratio materials pump with "Step-Saver" control system.

MODEL G — 18 hp. elect. start two cyl. gas engine, 48 CFM air compressor, 135 gal. water storage and flushing system, dual 10 speed 90 gal. mixers and 10:1 ratio materials pump with "Step-Saver" control system.

MODEL HG — 25 hp. elect. start four cyl. gas engine, 58 CFM air compressor, 145 gal. water storage and flushing system, dual 10 speed 90 gal. mixers and 10:1 ratio materials pump with "Step-Saver" control system.

MODEL IG — 30 hp. elect. start four cyl. engine, 65 CFM **two stage air compressor, 145 gal. water storage and flushing system, dual 10 speed 90 gal. mixers and 10:1 ratio *high volume materials pump with "Step-Saver" control system.

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All above units can be trailer or truck mounted. Trucks with insulated vans available, prices on request.

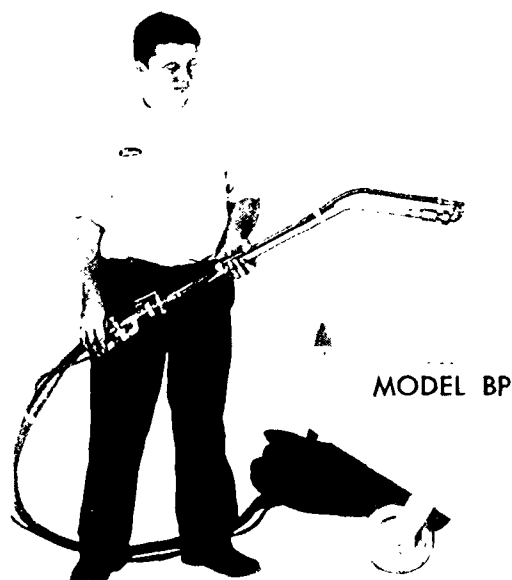
Note: Hackel Bros. will furnish mixer units up to 200 gal. capacity for any of the above "Texture Coaters." Price on request.

SHIPPING WEIGHTS:

Model F with one mixer	1100 lbs.	Model GF with two mixers	1550 lbs.
two mixers	1300 lbs.	Model G with two mixers	1700 lbs.
Model FG with one mixer	1200 lbs.	Model HG with two mixers	1900 lbs.
two mixers	1400 lbs.	Model IG with two mixers	2000 lbs.

HACKEL BROS. Model BP and BPA

Heavy Duty Texture and Grouting Units



LIGHT WEIGHT — HIGH VOLUME
— HEAVY DUTY —

HANDLES:
PAINTS
TEXTURES
ACOUSTICS
GROUTS*

COMPLETE PORTABILITY

One man can remove pump from hopper in less than 1 minute and can carry either unit up a flight of stairs if necessary, will go thru 25" opening.

"STEP SAVER" CONTROL (Pat. Pend.)

allows operator complete material and air control at gun "while spraying or grouting."

Specifications:

Pumps are equipped with SS cylinders, teflon and neoprene packings, hardened check valve seats, adjustable air motor cycling valves and will pump acoustics, simulated acoustics, texture and paint with equal ease. All model pumps are available in high volume style at a slight extra charge.

Heavy duty hopper is 74" wide, 30" long, 28" high; has two 9" solid rubber tires; is made of heavy gauge HRS steel; has 60 gal. capacity and will carry 800 lbs. of weight.

Available in 4 Pump Sizes:

7½:1 or 10:1 medium volume pump
 10:1 or 11:1 high volume pump

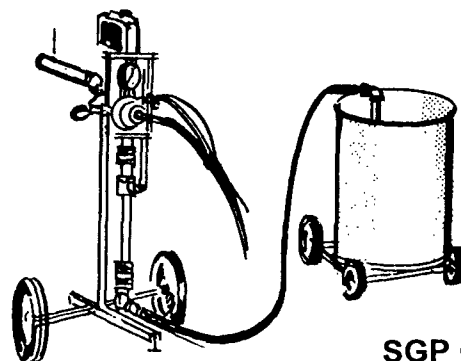
MODEL BPA

Specifications:

See Model APA on opposite page.

Mounted on 2 wheel cart for easy portability and equipped with 8 ft. of 1½" suction hose.

Uses same pumps as BP (above) except not available with 11:1 high volume pump.



SGP 0025386

The Texture guns and the Flexhead and Standard pole gun used on the above machines are the same as those used on our regular "Texture Coaters" and the MODELS AP and APA. They are equipped with a "Step Saver" control system and are available with a large variety of nozzles.

FOR CONTINUOUS OPERATION use Mixer Model MB.

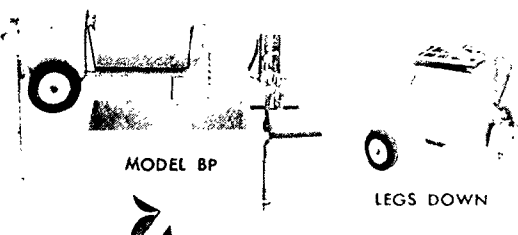
(3½ cu. ft. mixer for texture or plaster.) Furnished complete with electric motor and adjustable legs to raise or lower mixer height. (Use with Model BP.)

LEGS UP

MODEL MB

SHIPPING WEIGHT			
Model BP with 7½:1 pump —	95 lbs.	Model BPA with 7½:1 pump —	65 lbs.
10 :1 pump —	115 lbs.	Model BPA with 10:1 pump —	85 lbs.
11 :1 pump —	135 lbs.	Model MB MIXER —	130 lbs.

* For grouting doorbucks with brown coat plaster, a special grouter gun is available.



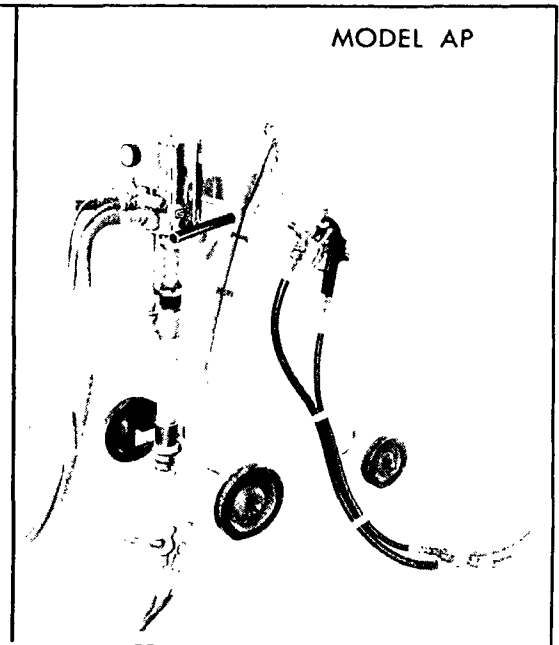
HACKEL BROS.

Model AP and APA

Medium Duty Texture Units

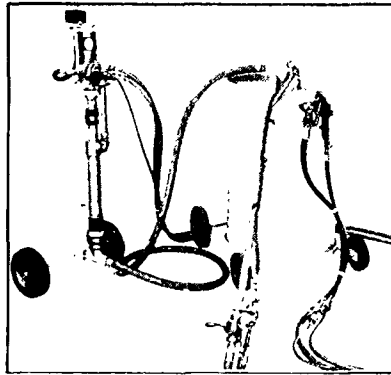
- **High Volume
Light-weight Portability**
- **"Step-Saver" Control System** (Pat. Pend.)
enables operator to fully control the air, materials, and
the pump right at the gun.
- **Equipped with 4½:1 or 7½:1 Pump**
- **30 gallon capacity**

Pump Size:	Will pump all paints and textures	Will pump acoustical materials
4½:1	Up to 200 ft. of hose	Up to 75 ft. of hose
7½:1	Up to 350 ft. of hose	Up to 150 ft. of hose



Specifications:

MODEL AP — Four wheel dolly and mixer barrel is 32" high, 22" in diameter and 30" long, has four solid rubber tires, permanent handles, pump bracket and pump material coupling. Material pumps are equipped with stainless steel cylinders, teflon packings, hardened check valve seats, adjustable cycling valve and will pump acoustics, imitation acoustics and texture or point with equal ease.



Model APA

Draw Materials from Any Container

MODEL APA — (Same as AP except it is mounted on 2 wheel dolly and supplied with 6 feet of 1¼" hose.) Mix, in one drum — draw from another with no manual transfer of materials; simply transfer hose from one barrel to another.

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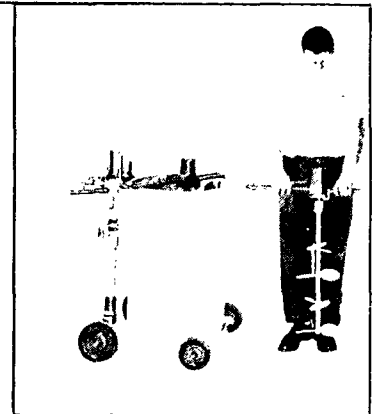
Both **MODELS AP** and **APA** are available with a complete choice of hose lengths, hose sizes, 18 and 18D Texture guns and "Flexhead" and Standard pole gun. All units are equipped with a "Step-Saver" control system.

Model MA Air Driven Mixer

- **Can be held or quickly clamped to top of AP type texture unit or 30 gal. drum.**
- **Mixes all paint and light and medium textures and acoustics.**
- **Complete with variable speed control, automatic oiler, 6 ft. of hose and a quick coupler to attach the air hose right to the pump air manifold.**

MODEL AP
Shipping Weight: with 4½:1 pump — 55 lbs.
7½:1 pump — 65 lbs.

MODEL APA
Shipping Weight: with 4½:1 pump — 45 lbs.
7½:1 pump — 50 lbs.



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