



F. J. STOKES MACHINE COMPANY

CHEMICAL, PHARMACEUTICAL AND SPECIAL PROCESS MACHINERY

PHILADELPHIA, PA.

December 24, 1942

REPLY TO
EXPORT DEPARTMENT
751 DREXEL BUILDING
PHILADELPHIA, PA., U.S.A.

Sr. Plutarco Elias Calles
Juan Acuña 130
México, D. F., México

Dear Sir:

Under date of November 27 we wrote you in reply to your letter of November 4 relative to equipment we could supply for a Boneglue Plant. In our letter we gave you a brief description of a Glue Plant of our manufacture which we furnished another customer. We would like very much to have your comments as to the suitability of such a plant to your needs, and if we can assist you further with more details and information, we will gladly do so.

Very truly yours,

F. J. STOKES MACHINE COMPANY

C. L. Thrall
C. L. Thrall

Export Department

ELT
Enc. Reprint

MAQUINAS STOKES

EQUIPO STANDARD EN SERVICIO EN TODAS LAS PARTES DEL MUNDO

La casa Stokes se destacó como la fábrica "delantera" en el desarrollo de las máquinas para tabletas y de los métodos para la moldura de las mismas. Hoy en día, la casa Stokes construye máquinas automáticas para tabletas... para la producción de tabletas farmacéuticas de todas clases... para moldear polvos plásticos... para comprimir piezas cerámicas y metálicas... máquinas para la moldura de tabletas de comestibles y productos químicos. La casa Stokes igualmente se destacó como la primera en el uso del alto vacío, habiendo desarrollado las bombas para llevarlo a la práctica comercialmente para muchos procesos industriales en los campos químicos, eléctricos y afines. También construye la casa Stokes una extensa gama de alambiques de agua de serie para los fines exigidos en los laboratorios, hospitales y en la industria.

Por más de 40 años el equipo Stokes se mantiene como el standard arraigado, como el equipo de mayor aceptación en todas las partes del mundo. Para informes detallados, dirigirse directamente a la casa matriz o a cualquiera de los agentes enumerados a continuación.

MAQUINAS PARA TABLETAS Y EQUIPO FARMACEUTICO

Viene difundiéndose en forma cada vez más creciente el procedimiento de poner en tabletas, abarcando muchos materiales y fines nuevos. El proceso y la utilización de máquinas automáticas resultan en la aceleración de la producción, en la disminución de los costos de fabricación, en una mejora de la calidad de los productos, realizando

en algunos casos piezas que resultaría imposible o impracticable formar por cualquier otro método. Las tabletas resultan en mayor facilidad de manejo, de uso, de venta. La moldura representa una operación imprescindible en la fabricación de pastillas farmacéuticas, de muchos comestibles, productos químicos, eléctricos, metálicos y otros. Si se

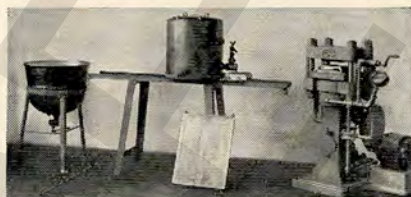
le presenta un problema de esta índole, no deje de consultar a la "Stokes". Nuestra larga experiencia nos pone en condiciones de evacuar con autoridad tales consultas en cuanto se refiere a materiales, métodos y equipo.

Esta pequeña máquina Stokes, modelo Eureka, de accionamiento manual, fabrica tabletas en los tamaños hasta de 1/2 pulg. (1.27 cm.) en diámetro, a razón de unas 100 por minuto, igualando por completo, tanto en calidad como en aspecto, a las producidas por máquinas de mayor tamaño. Puede obtenerse con mecanismo motorizado mediante motor eléctrico. Ideal para una producción moderada o para trabajos experimentales.

La máquina rotatoria Stokes B-2 es una máquina para todos los fines. Eficaz para una producción tan grande como pequeña. Es ésta una derivación perfeccionada de la reputada máquina Stokes B, que sirve de equipo standard en destacadas instalaciones farmacéuticas y químicas por todo el mundo. Una máquina simple y robusta, de construcción de semi-acero, completamente protegida contra el agrietamiento y la rotura. Puede cambiarse desde un tamaño de tableta a la otra en unos cuantos minutos. Forma pastillas hasta de 3/4

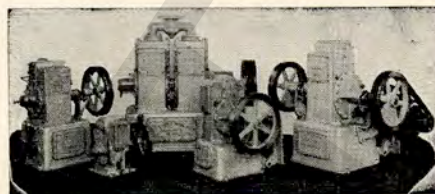
pulg. (1.6 cm.) en diámetro, a una velocidad de hasta 400 por minuto.

La Stokes construye máquinas para tabletas en 15 tamaños y tipos, de un único punzón y del tipo rotatorio, para satisfacer pequeñas o grandes exigencias de producción. Pidamos folleto en español, en donde se consigna una descripción de estas máquinas.



EQUIPO COMPLETO PARA LA FABRICACION DE CAPSULAS

Háganos sus consultas en lo relativo a la fabricación de blandas cápsulas elásticas. Construimos instalaciones completas, como la mostrada en el grabado arriba, incluso las calderas con camisa de vapor, máquinas para hojas de gelatina, prensas para cápsulas y máquinas para llenar cápsulas. Ofrecemos igualmente servicios de asesorado que garantizan resultados satisfactorios de este equipo, economizando mucho tiempo, esfuerzo y dinero en equilibrar fórmulas, escoger los ingredientes y su preparación, planeando el procedimiento de fabricación, como así también muchos otros pasos que se llevan a cabo antes de la producción misma. Invitamos consultas, brindaremos informes en el acto acerca del material, hacemos recomendaciones. Escribanos.



BOMBAS DE ALTO VACIO E INSTALACIONES DE ELA- BORACION A VACIO

Las bombas Stokes, del tipo de pistón-buzo giratorio con obturador de aceite, son de construcción robusta, simple y compacta. Realizadas para un servicio comercial intensivo, para proveer un vacío dentro de una tracción de un milímetro del absoluto. Cinco tamaños, 10 a 225 pies cúbicos por min. Elevado rendimiento volumétrico. Potencia reducida. Clarificados por patentes de aceite montados dentro del aparato. Sólo tres piezas móviles internas. Bajo costo de utilización. Otros distintivos exclusivos detalladamente descritos en el catálogo.

Úsese las bombas Stokes para todos los fines en donde se exige un alto vacío... para secar, para la evaporación, la destilación, la recuperación de disolventes, la impregnación, la evacuación del aire de botellas de vacío, válvulas de radio, unidades refrigeradoras, etc.

ALAMBIQUES AUTOMATICOS DE AGUA

Nos especializamos con este tipo de equipo desde más de 30 años. Veinte y dos modelos corrientes de serie... funcionando con electricidad, gas, kerosene o a vapor. Capacidades horarias desde 1/2 galón hasta 100 galones. De conveniente instalación. Soportes para montaje en la pared lateral. Dispositivos para doble destilación, si se desea. Económicos, robustos y de alta regularidad de funcionamiento. La pureza del producto se protege mediante numerosos distintivos exclusivos, como son: triples tabiques de vapor, desconcentrador para uso con agua mineral, etc. Más de 17,000 en uso mundial, produciendo un destilado de una pureza excepcional para todos los fines exigidos en los laboratorios, hospitales y en el comercio. El modelo indicado, calentado a gas, de 1 galón horario. Pidamos el catálogo 710.



F. J. STOKES MACHINE CO.

1077 DREXEL BLDG., PHILA., PA., E. U. A.



REPRESENTANTES EN ULTRAMAR

Borgo y Cía., Cangallo 666
Buenos Aires, Argentina

Carlos Raacke, Caixa Postal 261
Rio de Janeiro, Brasil

M. A. Blanco, Apartado 674
Barranquilla, Colombia

Duarte y Cía., Apartado 2041
Habana, Cuba

Pareja y Arizaga, Apartado 777
Guayaquil, Ecuador

Mario Padilla, Apartado 1676
México, D. F., México

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W. TIMMERMAN
GULIAGAN, SIN.,
MEXICO.

Calderas de Vapor se venden por conducto de

Cia. Occidental de Maquinaria S.A.
Calzada Independencia Sur #786, Guadalajara. Jal.
(me informan que esta Compañia tiene toda clase de Calderas
en existencia)

Alfonso Gomez Collantes,
Calle 6 Norte #1407, Puebla.

Ademas existe una caldera de m/m 150 caballos de fuerza en Mexico.
La direccion ignoro, pero un Señor Viotor H. Mueller, Liszt 14
tel. E. 15-59-77, puede dar informes del lugar en donde se en-
cuentra. (Se trata de una Caldera de vapor, Marca "HEYNE", es-
tilo Babcock-Wilcox, de aprox. 150 C.de F. en buen estado, pro-
bado, completo con fluces y accesorios, pero sin chimenea.-
El precio de esta caldera, completa, sin chimenea, es de.....
\$ 15.000.--. A mi se me hace un poco exagerado este precio,
y probablemente, al hacer una oferta en firme, se conseguirá
á un precio mas razonable.)

Mexico, D.F. 9 de Enero de 1943.

W.Timmermann.

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Air Mail

May 17th, 1943

Leader Industries Inc.
Chicago Office-Room 1506
20 North Wacker Drive,
Decatur, Illinois,
U. S. A..

Dear Sirs:

I intend to manufacture pure carbon disulphide in Mexico and I have been advised that you are familiar with this production. I wish to ask you --- whether you are in a position to supply drawings - and plans for the plant I have in mind.

The said plant should have a capacity of 1500 kgs. of pure carbon disulphide in 24 hours.

In as much as the present abnormal situation is practically prohibitive for any importation of equipment from U. S. A. to Mexico it is my intention to have the whole equipment made in Mexico. My inquire therefore refers only to all necessary designs in detail which will enable me to make the whole equipment here, and furthermore your detailed instructions for working the plant.

Of course I will submit to you complete specifications of the requirements and of all conditions pertinent to my project as soon as I receive answer and I know that you are interested in this matter.

I only wish to state here that electric heating cannot be considered but exclusively fuel heated -- retorts.

I shall be glad to hear from you, at your earliest convenience and beg to remain

Yours very truly

P. Elías Calles.



PEC/jc.

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Air Mail

May 17th, 1943

A. E. Marshall
Consulting Chemical Engineer
501 Fifth Ave.,
New York, N. Y.,
U. S. A..

Dear Sir:

I intend to manufacture pure carbon disulphide in Mexico and I have been advised that you are familiar with this production. I wish to ask you whether you are in a position to supply drawings and plans - for the plant I have in mind.

The said plant should have a capacity of 1500 - kgs. of pure carbon disulphide in 24 hours.

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Your very truly.

Cortes to Lima 1-43

P. Elías Calles

Risingford Chemical Works
PEC/jc. *Risingford, R.I. J*
Mo

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Air Mail

May 17th, 1943

C. L. Mantell Ph. D.
Consulting Chemical Engineers
Pratt Institute
Brooklyn, N. Y.,
U. S. A..

Dear Sir:

I intend to manufacture pure carbon disulphide in Mexico and I have been advised that you are familiar with this production. I wish to ask you whether you -- are in a position to supply drawings and plans for the plant I have in mind.

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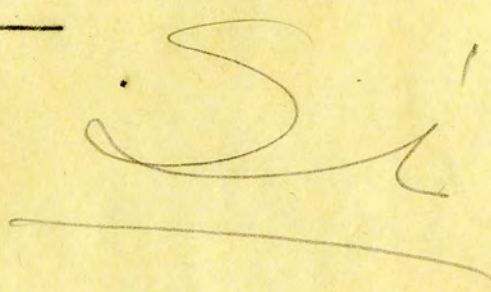
I only wish to state here that electric heating cannot be considered but exclusively fuel heated retorts.

I shall be glad to hear from you at your earliest convenience and beg to remain

Yours very truly.

P. Elías Calles.

PEC/jc.



Air Mail

May 17th, 1943

Chemical Engineering Corporation
535 Fifth Avenue
New York, N. Y.,
U. S. A..

Dear Sirs:

I intend to manufacture pure carbon disulphide in Mexico and I have been advised that you are familiar - with this production. I wish to ask you whether you are in a position to supply drawings and plans for the plant I have in mind.

The said plant should have a capacity of 1500 kgs. of pure carbon disulphide in 24 hours.

In as much as the present abnormal situation is -- practically prohibitive for any importation of equipment from U. S. A. to Mexico it is my intention to have the - whole equipment made in Mexico. My inquire therefore refers only to all necessary designs in detail which will enable me to make the whole equipment here, and furthermore your detailed instructions for working the plant.

Of course I will submit to you complete specifications of the requirements and of all conditions pertinent to my project as soon as I receive your answer and I know that you are interested in this matter.

I only wish to state here that electric heating cannot be considered but exclusively fuel heated retorts.

I shall be glad to hear from you at your earliest - convenience and beg to remain

Yours very truly.

P. Elías Calles.

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Air Mail

May 17th, 1943

Trumps Corporation
Consulting Engineers
912 Chimes Building
Syracuse, N. Y.
U. S. A..

Dear Sirs:

I intend to manufacture pure carbon disulphide in Mexico and I have been advised that you are familiar -- with this production. I wish to ask you whether you -- are in a position to supply drawings and plans for the plant I have in mind.

The said plant should have a capacity of 1500 kgs. of pure carbon disulphide in 24 hours.

In as much as the present abnormal situation is - practically prohibitive for any importation of equipment from U. S. A. to Mexico it is my intention to have the whole equipment Made in Mexico. My inquire therefore refers only to all necessary designs in detail which will enable me to make the whole equipment here, and furthermore your detailed instructions for working the plant.

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I shall be glad to hear from you at your earliest -- convenience and beg to remain

Yours very truly.

P. Elías Calles.

PEC/jc.

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June 2nd, 1943.

Lynchburg Foundry Co.
Lynchburg, Va.

Gentlemen:

Please inform me if it is possible to obtain from you retorts for the manufacture of Carbon Bisulphide. I have in mind a production of one to two tons per day. In order to facilitate replacements of retorts I would prefer to work with several small retorts. - Should you not be able to furnish this equipment under present conditions, perhaps you - could furnish the drawings for these retorts in order to have them made here in Mexico. - In the latter case please give me your price for such drawings. The retorts should be --- heated by fuel.

Hoping to hear from you soon, I remain

Very truly yours.

P. Elías Celles.

PEC/jc.

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June 2nd, 1943.

Wurster & Sanger Inc.
5201 S. Kenwood Ave.
Chicago, Ill..

Gentlemen:

Your letter of April 6th and your proposal No. 4324 have been studied with interest. (These were delayed several weeks by the censorship).

Unfortunately conditions have not improved so far, wherefore we are unable, much to our -- regret, to go ahead with the construction of the plant we had in mind.

As soon as we see any improvement in the - situation we shall get in touch with you again.

In the meantime we wish to thank you for the attention you have given this matter and we remain

Very truly yours.

P. Elías Calles.

PEC/jc.

June 2nd, 1943.

The Patterson Foundry & Machine Co.
East Liverpool, Ohio.

Gentlemen:

Please inform me if it is possible to obtain from you retorts for the manufacture of Carbon Bisulphide. I have in mind a production of one to - two tons per day. In order to facilitate replacements of retorts I would prefer to work with several small retorts. Should you not be able to furnish this equipment under present conditions, perhaps you could furnish the drawings for these retorts in order to have them made here in Mexico. In the latter case please give me your price for such drawings. The retorts to be heated by fuel.

Hoping to hear from you soon, I Remain

Yours very truly.

P. Elías Calles.

Magnum