



Servicios Industriales y Metalmecánicos Tabares & Cía S en C SERIDME S en C.

*Construction and Reconstruction
Industrial Mechanical Parts*





RESEÑA Histórica

The company was initially founded in the year 1991 under the name “TALLER INDUSTEEL” in response to growing industry demand for qualified service Mamonal machining and metalworking services.

In 1998, following a process of restructuring its processes and organization, took the name and Metalworking Industrial Services Ltd.

With the passing of years has been positioning in the regional market as a serious, responsible and delivered to its main friends, customers, top quality work at reasonable prices, to innovate in the market with new services, committed to customers, workers and the environment, always seeking to make clean processes, and free from contamination.





STRATEGIC PLANNING

Mission

In SERIDME S en C, we provide services for the construction, reconstruction, fixtures, structures and computerized dynamic balancing metal mechanical parts of different types of materials and equipment for industrial rotary, marine, oil and services.

The engine that drives us is the confidence of our clients in our work, for which we have a staff of professional skills, technical and human qualities, competence and suitability committed to continuous improvement and industrial potential growth, in addition to equipment technology and adequate and effective processes that enable us to offer a quality service that fully meets the requirements agreed with key friends, clients

Vision

In 2011, we as leaders in the Atlantic coast and with projections to conquer new markets in different regions of the country. Giving our excellent products and service quality in the construction, reconstruction, fixtures, structures and dynamic balancing computerized metalworking parts and equipment required for the rotary industry, shipbuilding, oil and services, each day providing our customers with excellent and effective service to fully meet the requirements agreed upon and giving our added value, by a competent, efficient equipment and processes and appropriate, which will ensure a responsible position in the market.

We continue to participate in the enlargement of Colombia contributing strongly to the import substitution mechanical parts.





POLÍTICA DE GESTIÓN INTEGRAL

It SERIDME commitment, direct their efforts towards meeting the needs of stakeholders, providing services of construction and reconstruction of mechanical parts with different types of materials for industrial, naval and oil, in compliance with the requirements, controlling priority risks that allow us to prevent occupational accidents, occupational diseases and environmental impacts, supported by a qualified human talent and committed to continuous improvement and equipment and processes. This framed in compliance with legal requirements and other applicable, continuous improvement and behavior based on the values: professionalism, cooperation, ethics and team spirit.

SERIDME



CERTIFICATIONS



La Corporación Autónoma Regional del Canal del Dique (Cardique) y la Asociación Colombiana de las Micro, Pequeñas y Medianas Empresas (ACOPI) Regional Bolívar

certifican que

**SERVICIOS INDUSTRIALES Y METALMECÁNICOS
TABARES & CIA S. en C.**

Ha sido reconocida como empresa con manejo ambiental por el
**PROGRAMA DE EXCELENCIA AMBIENTAL – PREA
PARA PYMES**

Dado en Cartagena de Indias D.T. y C. el día 18 de diciembre de 2007

Agustín Arturo Chávez Pérez
AGUSTÍN ARTURO CHÁVEZ PÉREZ
Director General Cardique

Carolina Calderón Guillot
CAROLINA CALDERÓN GUILLOT
Directora Ejecutiva ACOPI

EL CONVENIO DE COOPERACIÓN TÉCNICA NEGOTIACIÓN-CCO

PROGRAMA DE DESARROLLO DE PROVEEDORES PYMES
DE GRANDES EMPRESAS DEL SECTOR
PETROQUÍMICO EN CARTAGENA Y MAMONAL
PROVECAR

Enalfece la labor de:

Servicios Industriales y Metalmeccánicas Ltda. - SERIDME

Por su meritoria participación para el logro del
propósito del convenio

Hecho en Bogotá



Cartagena de Indias D.T. y C.
Enero 17 de 2008



Certificado N° SC 3207-1



Certificado OS 321 - 1





CLIENTS

- ⊙ ABONOS DE COLOMBIA S.A.
- ⊙ AJOVER S.A.
- ⊙ TENARIS TUBOCARIBE S.A..
- ⊙ BIOFILM S.A.
- ⊙ CABOT COLOMBIANA S.A.
- ⊙ COLEC INVESTMENT CORP.
- ⊙ CEMENTOS ARGOS
- ⊙ COTECMAR
- ⊙ DEXTON S.A.
- ⊙ ECOPETROL
- ⊙ EMGESA
- ⊙ EMPRESAS DOW
- ⊙ EXXONMOBIL DE COLOMBIA S.A



SERVICE PORTFOLIO

- ⊙ Construction and reconstruction of industrial mechanical parts.
- ⊙ Milling and helical Piñonería generated by system
- ⊙ Prefabricated industrial assembly
- ⊙ Technical guidance in the selection of materials and heat treatments, design and redesign of spare parts for machinery, which includes the development of them accompanied by a corresponding level of production
- ⊙ Industrial emergencies for which we have staff available for immediate attention.



SERVICE PORTFOLIO

- ⊙ Repairs of all types of rotating equipment such as: Centrifugal Pumps, Rotary, screws, speed reducers, drives, steam turbines
- ⊙ Repair of all types of valves are: gate valves, globe, needle
- ⊙ Dynamic balancing and alignment of rotating equipment including: pumps, motors, speed reducers, variable speed drives.
- ⊙ Cylindrical Grinding Service and Flat
- ⊙ Manufacture of Heat Exchangers

SERIDME



*CNC
TECHNOLOGY*

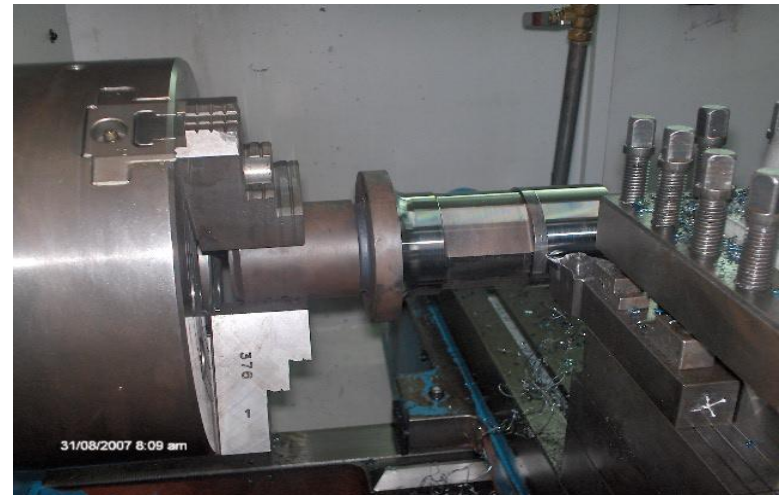


CNC LATHE

5315 IT 20

*CNC Lathe mark Frank
Phoenix 5315 IT20.*

Swing over bench	530 Mm. (21")
Center height	270 Mm. (10 5/8")
Swing over cross slide	300 Mm. (11 3/8")
Flip without cleavage	720 Mm. (28 5/16")
Distance between centers	1500 Mm. (59")
Cross Tour	280 Mm. (11")
Point Diameter	75 Mm. (3")
Recorrido	152 Mm. (5 15/16")
Main motor power	10 HP





CNC LATHE

6615 IT 20

*CNC Lathe mark Frank
Phoenix 6615 IT20.*

Swing over bench	660 Mm. (26")
Center height	335 Mm. (13 3/16")
Swing over cross slide	390 Mm. (15 5/16")
Flip without cleavage	910 Mm. (35 13/16")
Distance between centers	1500 Mm. (59")
Longitudinal Course	1450 Mm. (14 3/8")
Cross Tour	365 Mm. (14 3/8")
Point Diameter	80 Mm. (- 1/8")
Main motor power	15 HP





CNC LATHE

leadwell LTC - 25



Swing over bench	680 Mm.
Flip on Cars	426 Mm.
Distance between centers	1050 Mm.
Spindle bar capacity in	Ø 78 Mm.
Maximum Weight	500 Kg.
Main motor power	30 HP



CNC MACHINING CENTER

FM - 160 ATC

CNC MACHINING CENTER FM – 160 ATC (IM20/20H)

ESPECS	
Worksurface	355 x 1270mm / 14x50 inches
Capacidad de Maxima of Worksurface	500kg / 1100 Lbs.
Longitudinal Course (Eje X)	800mm / 31 ½ inches.
Cross Tour (Eje Y)	400mm / 15 ¾ inches
Longitudinal Course (Eje Z)	450mm / 17 11/16 inches
Main motor power	7.5 HP





CNC MACHINING CENTER

micro Handyman 2500



ESPECS		
Worksurface		2330 x 760 Mm.
Capacidad de Worksurface	Maxima of	1500 Kg.
Longitudinal Course (Eje X)		2500 Mm.
Cross Tour (Eje Y)		800 Mm.
Longitudinal Course (Eje Z)		850 Mm.
Main motor power		15 HP



CNC MACHINING CENTER *doble columna*



ESPECIFICACIONES

Worksurface	3100 x 1830 Mm.
Capacidad de Maxima of Worksurface	9000 Kg.
Maximum Height	1030 Mm

SERIDME



Conventional
TECHNOLOGY



LATHE

mashstroy C11 MSH 103



Type	Conventional lathe	Country of origin	Bulgaria
ESPECIFICACIONES			
Flip-neck	Ø800 mm (Ø31 1/2")	Flip without cleavage	Ø1000 mm (Ø39 3/8")
Swing over cross car	Ø680 mm (26 3/4")	Distance between centers	2650 mm
Screw Diameter	Ø110.5 mm (Ø 4 1/2")	Speed range	8 RPM – 1400 RPM
MAIN MOTOR			
TYPE - POWER - SPEED	220v 240v – 7.5kW (10 HP) – 1400RPM 60 Hz /		
MOTOR - COOLING PUMP			
TYPE - POWER - FLOW	RPM 2800 – 3200 KW 0.18 – 0.22 (0.08 HP) – AMP 0.30 – 0.35 220v 240v		
MOTOR - RAPID			
TYPE - POWER - SPEED	220W (0.34 HP) – / 1600RPM 60Hz		

LATHE IMOTURN

Sc 6250 B con ayuda numérica



Swing over cross car	Ø 500 Mm. (Ø20")
Flip-neck	Ø 220 Mm. (Ø8")
Screw Diameter	Ø 82 Mm. (Ø3 15/64")
Flip without cleavage	Ø 630 Mm. (Ø25")
Distance between centers	1500 Mm.
Speed range	9 – 1600 RPM
Main motor power	10 HP



LATHE

tos SU-63 A



Swing over cross car	Ø 370 Mm.
Flip-neck	Ø 700 Mm.
Screw Diameter	Ø 82 Mm. (Ø 3 15/64")
Flip without cleavage	N/A.
Distance between centers	1500 Mm.
Speed range	31 – 739 RPM
Main motor power	10 HP



ROUTER

lagun No. 5 con ayuda numérica



Longitud mesa	2000 Mm.
Desplazamiento vertical	0 – 515 Mm.
Desplazamiento transversal	360 Mm.
Ancho mesa	400 Mm.
Desplazamiento longitudinal	↖ 2271 Mm. ® 2209 Mm.
Rango de velocidades	28 – 1400 RPM



ROUTER

lagun No. 4



ESPECIFICACIONES

Longitud mesa	1115 Mm.	Ancho mesa	300 Mm.
Desplazamiento transversal	360 Mm.	Rango de velocidades	28 – 1670 RPM

MOTOR PRINCIPAL

POTENCIA – CICLOS	15 HP – 60 Hz
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MOTOR – BOMBA DE ENFRIAMIENTO

POTENCIA – CICLOS	0.15 HP – 60 Hz
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MOTOR – AVANCES RÁPIDOS

POTENCIA – CICLOS	4 HP - 60 Hz
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CNC SIERRA

sin fin de cinta



CAPACIDAD MÁXIMA :

Diámetro: 320 mm. (12.6"x 12.6")

Cuadrado (H x W) 320 x 320mm (12.6"x12.6")

Rectangular (H x W) 320 x 320mm (12.6"x12.6")

Cinta tamaño: 4242 x 34 x 1.1mm (167 x 1.33 x 0.04") (L x W x T)

Velocidad Max: 20 - 100 m / min. (66m328 fpm.)

Longitud min. de corte: 8mm

MOTOR PRINCIPAL :

Motor Mez Mohelinice: Volt. 220v – 440v - 60Hz
(5.5hp) 15/7.5 AMP Serie No 71159701 Tipo 7AA
112MO4-G RPM 1740 min. -1

Motor Hidráulico: 0.75KW (1HP)

Altura Cama de trabajo: 790mm(31")

Espacio en Piso: 2010 x 2000 x 1500MM(79" x 79" x 59") 1285mm



CYLINDRICAL GRINDER

NORTON N. 121 - 45



Swing over bench	360 Mm.
Distance between centers	1750 Mm.
Main motor power	10 HP



SURFACE GRINDING DELTA TP 900/600

SPECS			
Length table Vertical	810 Mm.	Table width	500 Mm.
Vertical Displacement	0 - 500 Mm.	Longitudinal Displacement	950 Mm.
Transverse Displacement	500 mm	Main motor power	7.5 HP





ALCS BORING JURASTI USING NUMERICAL



ESPECS

ESPECS	
SPINDLE VERTICAL DISPLACEMENT	1.6 mt
LONGITUDINAL DISPLACEMENT SPINDLE	1.1 mt
TABLE LONGITUDINAL TRAVEL	2.1 mt



DYNAMIC BALANCE



Distancia Entre Apoyos	3 Metros
Altura de los Apoyos (Volteo)	1.6 Metros
Velocidad de Balanceo	10 rpm – 3600 rpm, y mas de acuerdo a las exigencias del componente a balancear
Expresión de Unidades de Balanceo	Gramos* milímetros, - Onzas* pulgadas
Expresión de Unidades de Vibración	Desplazamiento, velocidad y aceleración
Reporte de Balanceo	Reporte grafico, reporte detallado, reporte en resumen, reporte de consideración, reporte adicional, reporte de general de recomendaciones.



WELDING





HEAT EXCHANGE





MAINTENANCE OF VALVES AND PUMPS



SERIDME



PRODUCTS AND SERVICES



PRODUCTS AND SERVICES



RODILLO FORMADOR PASO 1 EN ACERO D2 CON TTO. TERMICO. - TUBOCARIBE



ROTOR PARA MOTOR ELECTRICO DE BOMBA - BALANCEO DINAMICO



IMPULSOR CERRADO DE 5 ALABES EN BRONCE - ECOPETROL S.A-



PORTA PUNCH EN ACERO SAE 4340 CON TTO. TERMICO - TUBO CARIBE S.A-



CAMISA PARA EJE DE BOMBA DE AGUA SALADA EN MONELL K 500 - ECOPETROL S.A-



PORTA SPRAY EN ACERO INOX. SAE 4340 PARA REACTORES DE CABOT COLOMBIANA-



EJES PARA BOMBA DE AGUA SALADA EN MONELL K 500 - ECOPETROL S.A-



DIFUSOR PARA QUEMADOR DE GAS EN ACERO INOX.- ECOPETROL S.A-



GRIPPER (MORDAZAS) EN ACERO 4340 PARA RECALCADERA - TUBO CARIBE S.A-



PRODUCTS AND SERVICES





PRODUCTS AND SERVICES



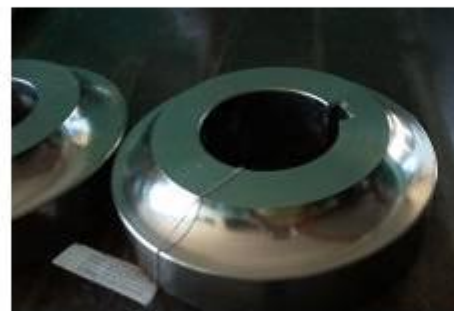


PRODUCTS AND SERVICES





PRODUCTS AND SERVICES





PRODUCTS AND SERVICES



**TORNILLOS IMPULSORES IZQ. Y DER. PARA BOMBA
WORTHINTONG EN ACERO NODULAR – ECOPETROL S.A-**





PRODUCTS AND SERVICES



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