

Manufacturer :



บริษัท เอ็นพีอี อินดัสตรี (ไทยแลนด์) จำกัด
NPE Industry (Thailand) Co.,Ltd.



Distributor :



บริษัท นัฐพงษ์ เซลส์แอนด์เซอร์วิส จำกัด
Natthapong Sales & Service Co.,Ltd.



Ban-Moh Branch



Zeer Rangsit Branch

โรงงาน : **NPE** บริษัท เอ็นพีอี อินดัสตรี (ไทยแลนด์) จำกัด

29/5 หมู่ที่ 2 ถ.บางกอกน้อย-นครชัยศรี ต.บางเตย อ.สามพราน
จ.นครปฐม 73210

โทรศัพท์ : 0-2889-5495 (9 Auto Line) โทรสาร : 0-2482-1659

<http://www.npe.co.th> E-Mail : npe@npe.co.th

สำนักงานใหญ่ : **NPE** บริษัท นัฐพงษ์ เซลส์แอนด์เซอร์วิส จำกัด

119,119/1 ถ.รัชฎาภิเศก แขวงวังบูรพาภิรมย์ เขตพระนคร กรุงเทพฯ 10200

โทรศัพท์ : 0-2225-0094 (18 Line Auto) โทรสาร : 0-2226-4020

สาขาเซียร์ ชั้น G (ด้านในสุด) 99 หมู่ที่ 8 ถ.พหลโยธิน ต.คูคต อ.ลำลูกกา

จ.ปทุมธานี 12130 โทรศัพท์ : 0-2992-7379 โทรสาร : 0-2992-7380

<http://www.mynpe.com> E-Mail : mynpe@mynpe.com

COMPANY PROFILE

Manufacturer : **NPE Industry (Thailand) Co.,Ltd.**
29/5 Moo 2 Bangkoknoi-Nakornchaisri Rd.
Bangtoey Sampran Nakornpathom 73210 ,
Thailand Tel : 0-2889-5495 Fax : 0-2482-1659



Distributor : **Natthapong Sales & Services Co.,Ltd.**
Ban-Moh Branch
119,119/1 Assadang Rd. Wangburapapirhom Pranakorn
Bangkok 10200 , Thailand Tel : 0-2623-8899 (18 Line Auto)
Fax : 0-2226-4020 (local) , 0-2225-2528 (int'l)



ZEER Rangsit Branch
G-Floor, 99, Moo 8, Paholyothin Road, Kukot, Lumrooka,
Patoomthani 12130 , Thailand
Tel : 0-2992-7379 , Fax : 0-2992-7380

Contact Persons : Mr.Natthapong Tangtantranont (Managing Director)
Mrs.Narttaya Temsupasiri (Factory Manager)

Established : 15 April 1993 - NPE Industry (Thailand) Co.,Ltd.
2 October 1983 - Natthapong Sales&Service Co.,Ltd.

Capacity :

Audio Products (P.A. & HiFi)	5,500 Pcs./Month
Speakers & Line Transformers	1,000 Pcs./Month
Electronic Kits	1,500 Pcs./Month
OEM Metal Products	800 Pcs./Month

Main Machines : Flexible Automated Punching Machine (TC 2020 R FMC Compact)
CNC Turret Punch Press (VIPROS-357)
Hydraulic Punch Press (RG-100, RG-35S, SP30II)
Hydraulic Press Brake (FBD-50)
Deburring Machine (BR-610W)
Corner Shearing Machine (CSW-250)

Employee : 300 Persons

Market Field : Local 80% , Export 20%

Building Area : Factory 18,400 M²
Ban-Moh Branch 5,000 M² , Zeer Rangsit Branch 3,000 M²

BUSINESS LINE



P.A. & Hi-Fi System

P.A. Sound System Applications

- Power Amplifier
- Digital Delay
- Power Mixer Amplifier
- Electronic Crossover Network
- Mixer Console
- Line Output
- Cassette Tape/Pre Amplifier
- Speaker
- Equalizer



TIS 1195-2356 (1993)

Mains operated electronic and related apparatus for household and similar general use: safety requirements



Audio Conference & Meeting System

HiFi Sound System Applications

- Power Amplifier
- Pre Amplifier
- Integrated Amplifier



Hi-Fi Sound System



Audio Conference & Meeting System



Electronic Kits For Learning

- Audio / HiFi
- Light , Timer
- Sensor & Switching Circuit
- Sound & Music
- Power Supply
- Convertor & Motor Control
- Radio Tranceiver-Receiver & Wireless
- Intercom & Other Circuits
- Microcontroller

BUSINESS LINE



DRS-Series

OS-Series

Enclosures For Electronic and Electrical Applications

- Standard Rack Products for Sound Systems and Industrial Use
- Control Boxes and Steel Enclosures
- Metal Shelves such as Supermarket Shelves and Book Shelves



Steel Enclosures



Book Shelves



Supermarket Shelves



Modular Shelves



OEM Metal Products and Others



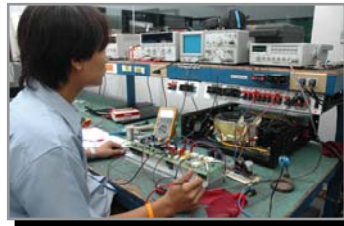
OEM PROJECTS

- Audio Design and Assembly
- CNC Fabrication
- Powder Coating
- Silk Screen Printing

NPE Industry (Thailand) Co.,Ltd. is the manufacturer of Racking, Enclosure requirements and Sheet metal services, With our experienced team in designing and producing, our latest equipments using in production process, we assure that we can utilize all these capabilities to support all customers requirements. Our design engineer will work as a consultant with you by using the latest CAD/CAM programs in order to meet the customers requirements. We focus on the services and varieties of designing to serve the customers requirements at the present time.

PRODUCTION PROCESS

R&D PROCESS



ELECTRONIC PROCESS



METAL PROCESS



TECHNICAL DATA

CAD/CAM Designing



CAD & CAM PROGRAM

Designing process is the important step of metal sheet services.

In order to prevent the errors, the “AutoDesk Inventor” software is used for the primary stage of the designing process, which is in 3D format, to make the trial on each part assembly.

Most problems of metal sheet production process occur when each part cannot be assembled completely, so the preliminary checking by the software is necessary before the real production. The capability of this “Inventor” software includes 2D and 3D designing such as motor part designing, machinery designing, furniture designing, metal sheet designing and structure designing.

The program can not only model the moving drawing to show disassembly of each part but it can also design the bending part and the unfolded metal sheet in order to rapidly and accurately produce the metal part.

Punching Machine

Model : VIPROS – 357 and TRUMATIC – 2020 R FMC

The stated machine can produce the punching metal sheet according to the customers’ requirements. The punching process, controlled by high capacity computer, works automatically to produce an accurate part.

VIPROS 357

- This punching machine is controlled by CNC technology.
- Maximum sheet thickness : 4 mm
- Press capacity : 30 ton
- Stroke rate (at pitch 8 mm.) : 250 h.p.m.
- When the first metal sheet is completely finished, the verification with the drawing is always required for the accuracy.

TC-2020R FMC

- Maximum sheet thickness : 6.4 mm.
- Press capacity : 20 ton
- Stroke rate (at pitch 25 mm.) : 420 h.p.m.
- Automatically load metal sheet
- When the first metal sheet is completely finished, the verification with the drawing is always required for the accuracy.



CNC CONTROL



VIPROS 357



TC-2020R FMC

TECHNICAL DATA

Bending Machine : Model FBD-50 , RG-100 , RG-35S

The bending machine is automatically controlled by computer. The program for controlling different functions can be set in advance. Moreover, the machine can also set or revise the degree of each part automatically to gain the same standard metal sheet. Due to this same standard, the metal sheet can be bended easily and quickly with the high accuracy. Therefore, it results in the fine and neat outcome. In addition, the machine has the ability to bend the metal sheets in many different shapes. During the bending process, the machine will verify the outcome constantly to ensure that they will be following the customers' demands.



HYDRAULIC PUNCH BRAKE : FBD-50

FBD-50

- Maximum bending length : 2 Meters
- Maximum capacity : 50 ton

RG-100

- Maximum bending length : 3 Meters
- Maximum capacity : 100 ton



HYDRAULIC PUNCH PRESS : RG-100



HYDRAULIC PUNCH PRESS : RG-35 S

RG-35 S

- Maximum bending length : 1.2 Meters
- Maximum capacity : 35 ton

Shearing Machine : Model GPX-1230

- Maximum Sheet Thickness : 12 mm.
- Blade Length : 3 metres



SHEARING MACHINE : GPX-1230

TECHNICAL DATA

Welding Work

Welding the parts together can be done through the welding Machine, namely spot weld, MIG and TIG.

Spot Welding Machine

Is used mainly for welding the steel sheets, which thickness is in the range from 0.2 – 3.0 mm. In each spot welding, the machine can be fixed the current and welding time appropriately to be suitable with the different thickness levels.



MIG WELDING

MIG Welding Machine

Uses CO_2 to cover the welding line. The MIG welding will result in the finer and smaller welding line, comparing to the electrical welding line. Therefore, this type of machine is more suitable to the products that the aesthetic is essential.

TIG Welding Machine

Uses Argon gas. It is able to weld thin steel sheet, Aluminum and Stainless. As for the current adjustment, it depends on the thickness level of the sheet or part to be welded.

Painting and Silk Screen

The color for coating all products is the industrial powder coating color. The process comply strictly with the German standard. The line conveyor can do the powder coating of the products at the size up to 800 mm. x 800 mm. x 2200 mm. and the capacity is up to 720 pieces per day. As for the process of the products preparation before passing through the powder coating process, the deburing is necessary each time.



LINE CONVEYOR PAINTING



POWDER COATING



SILK SCREEN

REFERENCE

- 1.) EXPRESSWAY AUTHORITY OF THAILAND
 - 2.) AERONAUTICAL RADIO OF THAILAND LTD.
 - 3.) TOT PUBLIC CO.,LTD.
 - 4.) LOXLEY PUBLIC CO.,LTD.
 - 5.) K.POWER SUPPLY CO.,LTD.
 - 6.) GALAXY EDU-HITECH CO.,LTD.
 - 7.) ROUAM CHARON GROUP CO.,LTD.
 - 8.) SIAM AUTOLIGHT CO.,LTD.
 - 9.) K.B.M. ENGINEERING LTD.,PART.
 - 10.) DIANA CAMEO CO.,LTD.
 - 11.) NIDEC COPAL (THAILAND) CO.,LTD.
 - 12.) SDS ELECTRIC (THAILAND) CO.,LTD.
 - 13.) GEM CITY ENGINEERING CO.,LTD.
 - 14.) SANG CHAI METER CO.,LTD.
-OTHERS.....