

## Miyoshi Gokin to Install Large Machining Center; Aims for Corporate Carbon Footprint Compliance

Tekko Shimbun – January 22, 2026

Introducing a Large-Scale Machining Center to Support a Contract to Manufacture Material for Automotive Industry—Miyoshi Gokin (Headquarters: Miyoshi-machi, Saitama Prefecture; President: Genjiro Hagino), a manufacturer of copper alloy castings and forgings, plans to install one large machining center at its main factory by September. The company also intends to install a crane capable of handling 7.5-tons of weight by the end of the year. These investments, expected to total several hundred million yen, are aimed at supporting a contracted large-scale order for automotive-related materials secured last year.

The contract involves intermediate processes such as forging, heat treatment, machining, and inspection of copper alloys. The intermediate products processed by the company will be supplied to Southeast Asia, India, and China. By handling multiple processes in a "one-stop" shop, the company creates customer benefits such as cost reductions and simplified management of orders and logistics.

Full-scale shipments are scheduled to begin this year. Because the materials for processing are supplied by the customer, there is little risk from metal price fluctuations. Furthermore, processing large copper alloy products is technically difficult, meaning there are few companies capable of handling such work, resulting in high added value. President Hagino stated, "We want to further stabilize our operations by expanding the pillars of our business."

The machining center that will be installed is made by Okuma Corp. It is a double-column (portal-type) 5-axis machining center capable of handling materials exceeding 3 meters, with a table that can withstand weights up to 12 tons. It is characterized by its high productivity. A portion of the installation costs will be covered by subsidies.

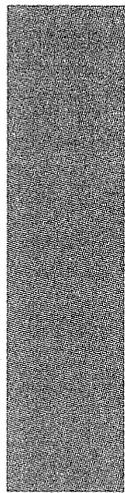
\*\*\*

Advancing Initiatives Toward Reducing Its "Carbon Footprint" (CFP)—Miyoshi Gokin is also accelerating its efforts toward low-carbon operations, aiming to correspond to Carbon Footprint (CFP) requirements by approximately 2027. CFP refers to the total CO2 emissions throughout a product's entire life cycle. By addressing its CFP, the company intends to promote further CO2 reductions to contribute to the

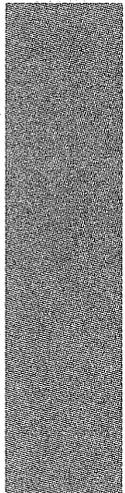
global environment while meeting the needs of customers looking to decarbonize their entire supply chains.

The company is currently preparing for this transition by receiving consulting from a major energy company. Currently, the company has experienced requests from its European customers regarding explanation of its low-carbon initiatives, and the company expects this trend to increase in the future, including needs from Japanese customers.

Miyoshi Gokin has already focused on low-carbon efforts, such as introducing electricity derived from renewable energy and city gas. While the company currently tracks its Scope 1 and 2 emissions, President Hagino noted, "We want to advance our decarbonization more than ever before". The policy moving forward is to track Scope 3 emissions, which represent emissions from other companies related to its business activities and aims for full CFP calculations. To achieve this, the company will utilize consulting services and expert knowledge. Starting this month, the company aims to accumulate know-how regarding CFP compliance through study sessions using its own specific case studies.



# 非鉄金属



## 三芳合金工業

# 大型マシニングセンター導入

## 受託加工ビジネスに対応

銅合金の鋳造品・鍛造品などを製造する三芳合金工業（本社・埼玉県三芳町、社長・萩野源次郎氏）は、9月をめぐりに本社工場で大規模のマシニングセンターを1基導入する。また7・5トの重量に対応できるクレーンも年内をめぐりに設置したい考え。昨年に受注した大型の自動車関連素材の受託加工ビジネスに対応することが狙い。投資金額はマシンニングセンターとクレーンの合計で数億円規模になる見通し。

昨年に受注した自動車関連素材の受託加工ビジネスは、銅合金の鍛造・熱処理・機械加工・検査といった中間的な工程を対象とするもの。同社が加工した中間製品は東南アジア

とから付加価値が高い。萩野社長は「事業の柱を増やして経営をさらに安定化させていきたい」と話している。対応に向けて導入する

## 三芳合金工業

# 「CFP」対応目指す

## 低炭素化をさらに推進

三芳合金工業は、CO<sub>2</sub>のさらなる削減に向けて、2027年をめぐりに「カーボンフット

トプリント(CFP)への対応を目指す。CFPは製品ライフサイクル全体を通じたCO<sub>2</sub>の排出量。同社はCFPへの対応によってさらなるCO<sub>2</sub>削減を推進し地球環境に寄与するとともに、サプライチェーン全体を低炭素化する顧客ニーズに応える。大手エネルギー系企業のコンサルティングを受けるなどして準備を進める。現在欧州の顧客から低炭素化に向けた取り組みについて説明を求められる機会がある状況で、今後その流れはさらに強まるとみている。また日系顧客でもニーズがあるとして、対応を進める考え。

同社はこれまでにも低炭素化に向けた取り組みに注力。再生可能エネルギー由来の電力や都市ガスの導入などに取り組んできた。CO<sub>2</sub>排出量について現在はスコップ1・2を把握。今後は「これまでに以上に低炭素化を進めていきたい」（萩野社長）として自社事業の活動に関連する他社の排出量を示すスコップ3も把握するとともに、CFPの算出を目指す方針。

そのためにコンサルティングサービスを活用し、専門家の知見を具体例なども利用する勉強会を通じて、CFPへの対応に向けたノウハウの蓄積を目指す考えだ。