

DAFTAR PUSTAKA

- [1] A. Braidy and S. Pokharel, “Research Perspectives on Innovation in the Automotive Sector,” 2025.
- [2] A. Agarwal and L. Mthembu, “Structural Analysis and Optimization of Heavy Vehicle Chassis Using Aluminium P100/6061 Al and Al GA 7-230 MMC,” *Processes*, vol. 10, no. 2, 2022, doi: 10.3390/pr10020320.
- [3] R. Nadivkha Subroto and Y. Sunitiyoso, “Decision Making for Welding Robot Selection in Suzuki Manufacturing Plant with Analytic Hierarchy Process Method,” *J. Sos. Teknol.*, vol. 5, no. 2, pp. 174–191, 2025, doi: 10.59188/jurnalsostech.v5i2.31833.
- [4] S. P. Purbaningrum, E. S. Solih, I. Kurnia, and M. Lianny, “Rancang Bangun Jig Welding Modifikasi Pneumatic Clamp Untuk Pengelasan Rear Tube Sepeda Motor Listrik,” vol. 16, no. 02, pp. 457–464, 2025, doi: 10.35970/infotekmesin.v16i2.2667.
- [5] P. S. Sibanda, “Performance Evaluation of a Smart Welding Fixture and Jig Assembly,” vol. 5, no. 3, pp. 163–170, 2023.
- [6] F. Fiedler *et al.*, “Jigs and fixtures in production: A systematic literature review,” *J. Manuf. Syst.*, vol. 72, no. October 2023, pp. 373–405, 2024, doi: 10.1016/j.jmsy.2023.10.006.
- [7] C. Chikwendu Okpala, N. Chidiebube Igbokwe, and C. O. Nwankwo, “The Evolution and Impact of Jigs and Fixtures in Modern Manufacturing,” *Int. J. Engi-neering Invent.*, vol. 2024, no. 7, pp. 125–131, 2024.
- [8] N. C. Rizani *et al.*, “Analisa proses produksi jig untuk perakitan pintu depan mobil x,” vol. 23, no. 2, 2021.
- [9] K. Zhou and P. Yao, “Overview of recent advances of process analysis and quality control in resistance spot welding,” *Mech. Syst. Signal Process.*, vol. 124, pp. 170–198, 2019, doi: 10.1016/j.ymssp.2019.01.041.
- [10] M. A. Al-jader, “I NVESTIGATION OF S POT W ELDING E LECTRODE T IP W EAR AND A N ON -D ESTRUCTIVE TEST OF,” 2014.
- [11] A. Z. Al-faritsy, U. T. Yogyakarta, P. Korespondensi, and P. Yoke,

- “PENGUNAAN METODE DMAIC DAN POKA YOKE DALAM MEMINIMALKAN TERJADINYA CACAT PRODUK MANHOLE COVER USING DMAIC AND POKA YOKE METHODS TO MINIMIZE MANHOLE COVER PRODUCT DEFECTS,” vol. 13, no. 2, pp. 154–161, 2022, doi: 10.34001/jdpt.v12i2.
- [12] S. Wijaya, S. Hariyadi, F. Debora, and G. Supriadi, “Design and implementation of poka-yoke system in stationary spot-welding production line utilizing internet-of-things platform,” *J. ICT Res. Appl.*, vol. 14, no. 1, pp. 34–50, 2020, doi: 10.5614/itbj.ict.res.appl.2020.14.1.3.
- [13] S. Diyaley and S. Chakraborty, “METAHEURISTICS-BASED NESTING OF PARTS IN SHEET,” vol. 5, no. 2, pp. 1–16, 2022.
- [14] V. Pontevedra *et al.*, “ScienceDirect ScienceDirect ScienceDirect Nesting in the sheet metal industry : dealing with constraints of Nesting in the sheet metal industry : dealing with constraints of flatbed Society laser-cutting flatbed machines for capacity optimization in Industry between used capacity and,” *Procedia Manuf.*, vol. 29, pp. 575–582, 2019, doi: 10.1016/j.promfg.2019.02.115.
- [15] P. E. Cooley, T. Koottatep, W. T. Gibson, and C. Polprasert, “Product design and development,” pp. 19–36, 2022, doi: 10.2166/9781789061840.
- [16] U. Kannengiesser, J. S. Gero, and I. Gmbh, “Can Pahl and Beitz ’ systematic approach be a predictive model of designing ?,” pp. 1–20, 2017, doi: 10.1017/dsj.2017.24.
- [17] K. Knop and K. Mielczarek, “Using 5W-1H and 4M Methods to Analyse and Solve the Problem with the Visual Inspection Process – case study,” vol. 03006, pp. 1–6, 2018.
- [18] A. Santosa, “PERANCANGAN JIG DAN FIXTURE SISTEM PNEUMATIK UNTUK PROSES,” vol. 2, no. 1, pp. 1–5, 2017.
- [19] M. A. Fikri *et al.*, “Prosiding 5,” pp. 125–130, 2021.
- [20] A. A. Alamtra, “PERANCANGAN JIG DAN FIXTURE UNTUK RANGKA PROTOTIPE SEPEDA MOTOR LISTRIK,” pp. 237–246, 2023.
- [21] G. Goel, “Implementing Poka-Yoke in Manufacturing : A Case Study of

- Tesla Rotor Production,” vol. 03, no. 01, pp. 5–25, 2023.
- [22] E. Saputra, “Aplikasi Jig pada proses pembuatan Hook untuk Meningkatkan Efisiensi Waktu Pengelasan Menggunakan Rotary Welding : Studi Kasus di Industri Karoseri,” vol. 17, no. 2, pp. 325–334, 2022.
- [23] A. Fadilah, “Perancangan Jig dan Fixture dengan Sistem Rotary untuk Proses Welding Stiffener Pada Crossmember Rear Menggunakan Metode QFD,” pp. 356–365, 2022.
- [24] G. Schuh, G. Bergweiler, F. Fiedler, K. Lichtenth, and S. Leimbrink, “Hybrid Welding Jigs with Additive Manufactured Functional Elements,” pp. 484–488, 2019.
- [25] S. W. Sambas, “PERANCANGAN JIG WELDING PADA PROSES PENGELASAN PIPE DIFFUSER UNTUK MENGURANGI PERUBAHAN BENTUK,” pp. 35–40, 2025.