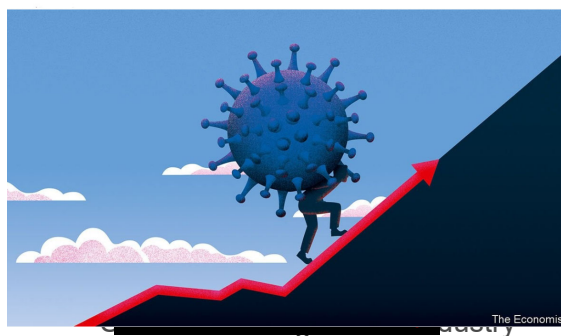


Mechanical Engineering

Speed of the recovery varies

International Fluid Power Summit meeting
online, April, 21st 2021

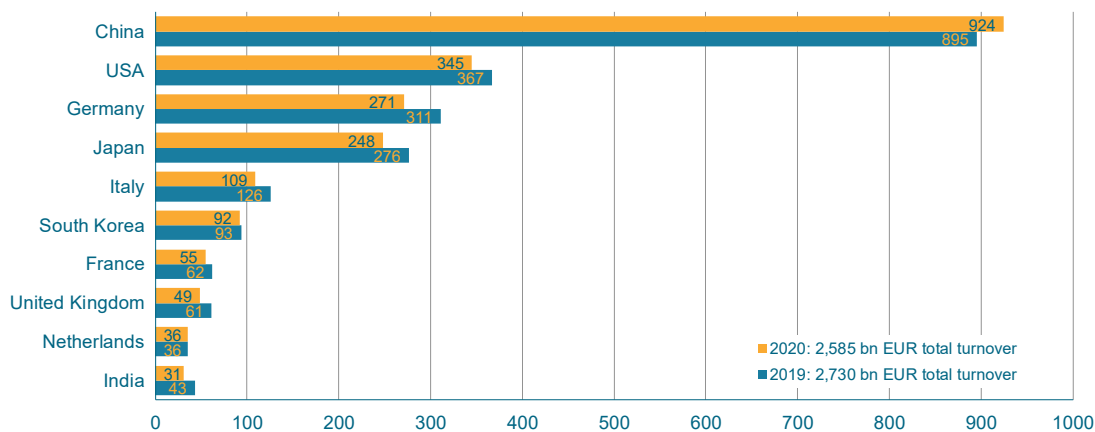
Not all about coronavirus pandemic ...



World machinery turnover: Top-10 country ranking

Only China with growth in nominal EURO terms

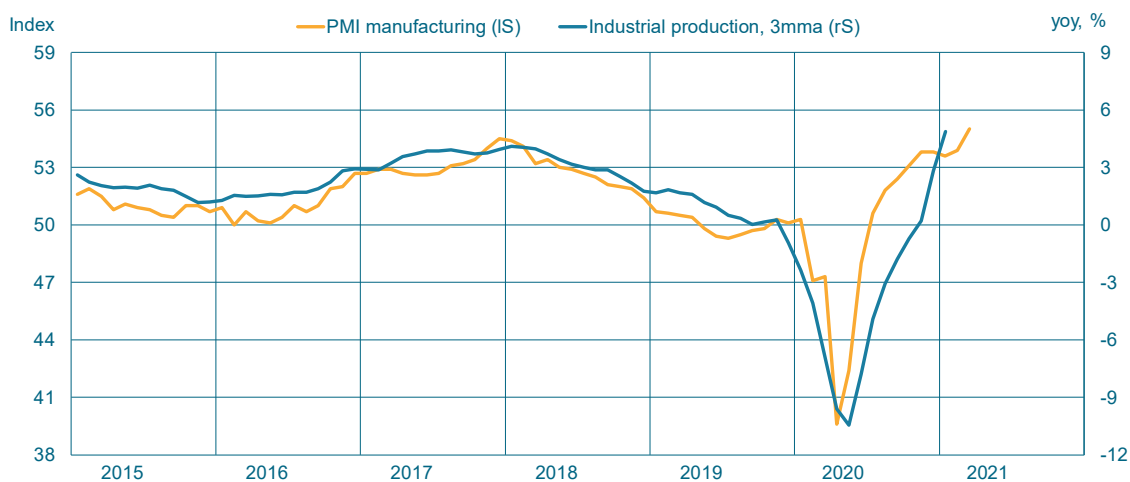
In bn EUR, partly estimated



Source: VDMA estimations based on National Statistics, Eurostat and UNIDO.

World: Industrial production and Purchasing Managers' Index

Strong recovery after deep slump

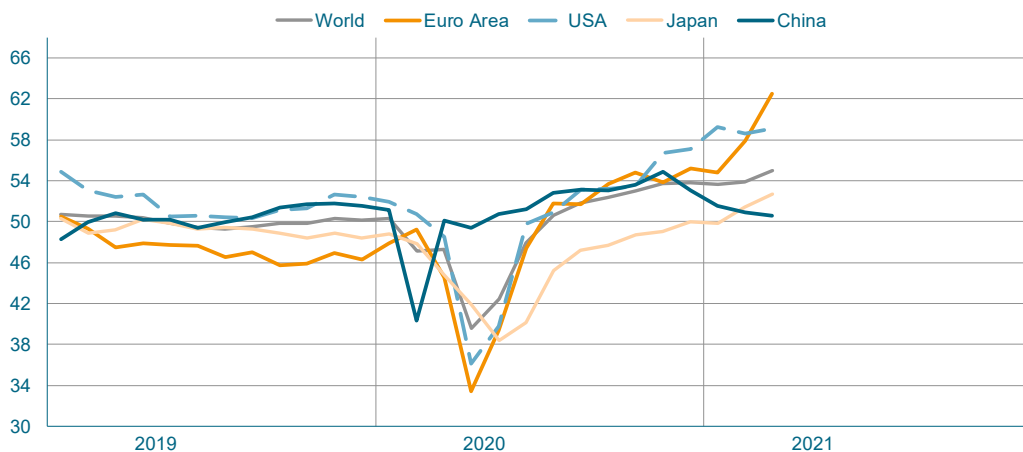


Source: cpb, IHS Markit, Macrobond, VDMA

Purchasing Managers' Index Manufacturing

China one quarter ahead

Indices (50 = no changes)

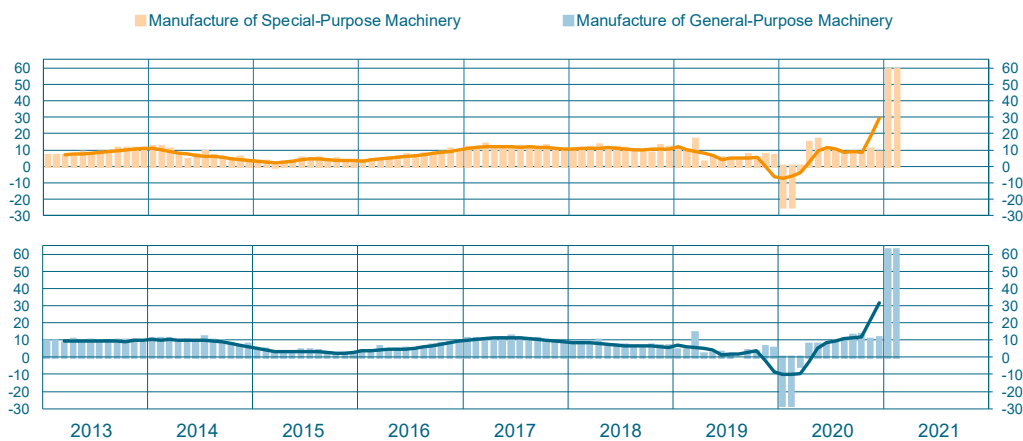


Source: IHS-Markit, Macrobond, VDMA

China: Industry production

Solid recovery combined with base effect

Real, yoy, %



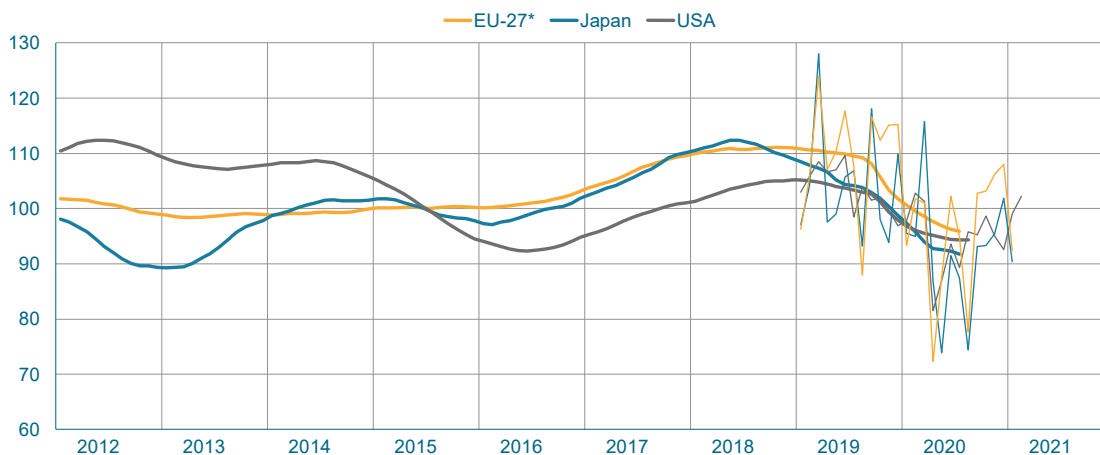
Source: NBS, Macrobond, VDMA

5-month moving average

Advanced economies: Machinery turnover

Not out of the woods

Volume index, 2015 = 100 and 12-months moving average



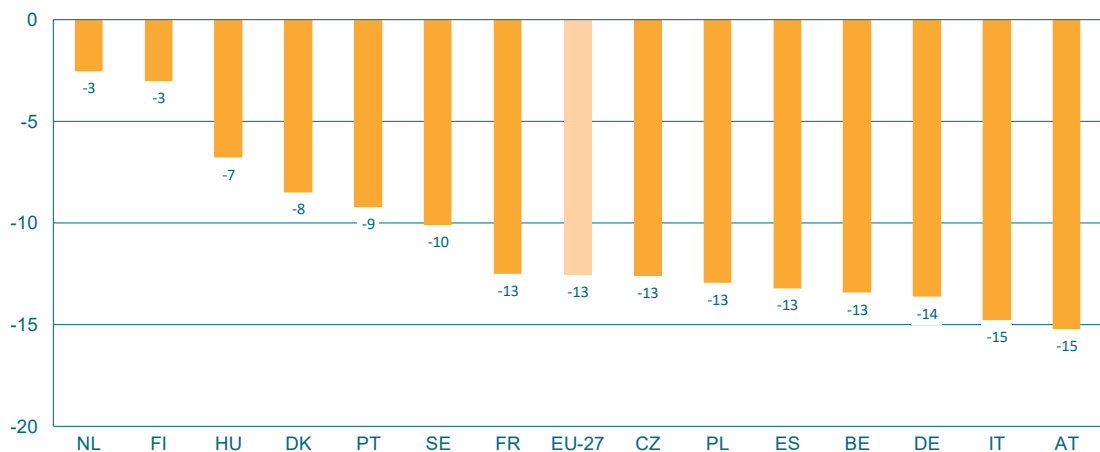
Source: Eurostat, Nat. Stat. Offices, Macrobond, VDMA

*) NACE rev. 2 code 28.

EU-27: Machine production* by countries

Strong losses

January - December 2020/2019, %, real, calendar adjusted



Source: Eurostat, Macrobond, VDMA

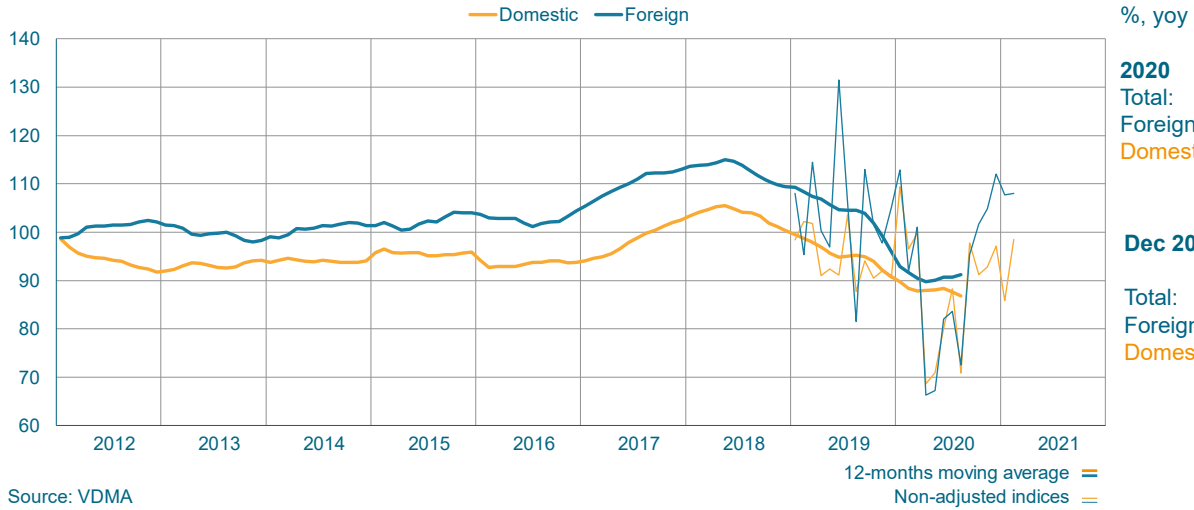
*) NACE rev. 2 code 28.

Germany: New orders in mechanical engineering industry

Bottoming out?

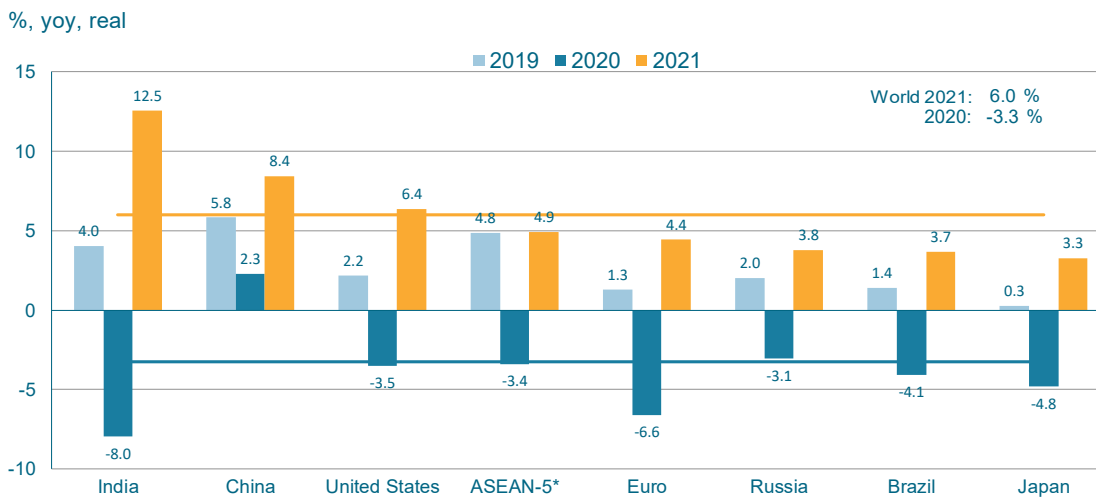


Volume index 2015 = 100



World: GDP expectations

Divergent recoveries

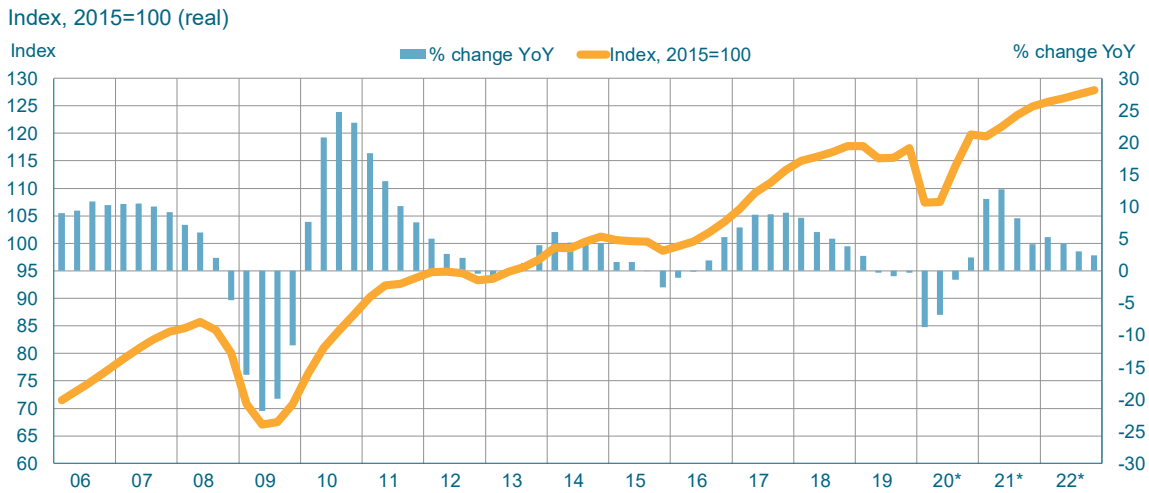


Source: IMF WEO April 2021, Macrobond, VDMA

*Indonesia, Malaysia, Philippines, Thailand and Vietnam.

World: Machinery production

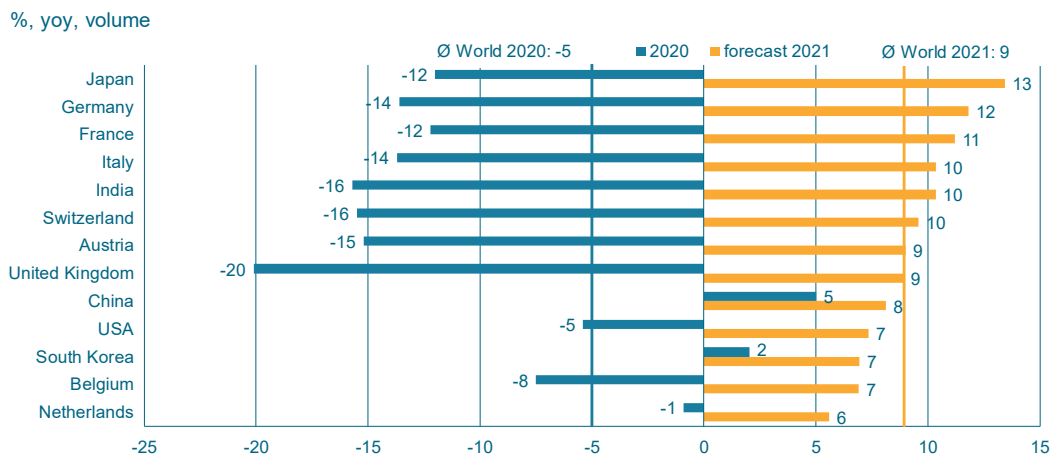
China made it!



Source: Oxford Economics

* estimation/forecasts OE baseline scenario.

TOP-10 countries plus AT, BE, CH: Turnover in mechanical engineering - Forecasts by Oxford Economics

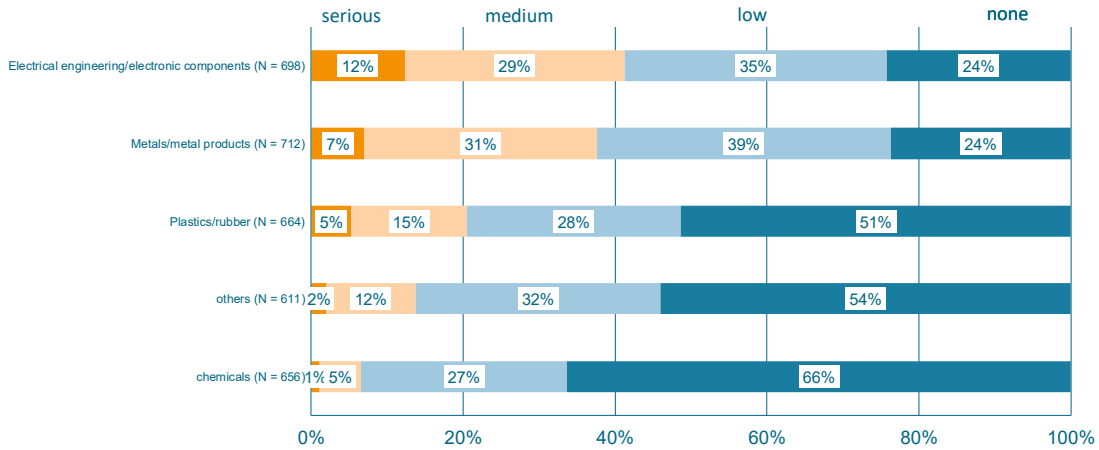


Source: Eurostat, National Statistics, Oxford Economics, VDMA (March 2021)

Shortages in the supply chain



Evaluable answers

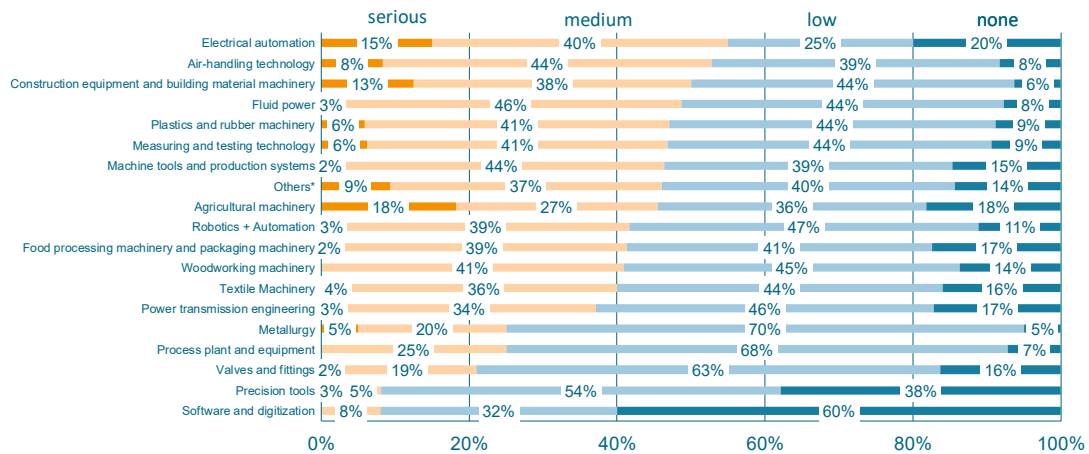


Source: VDMA, 10th flash survey on coronavirus, 1 April 2021

Disruptions in the supply chains



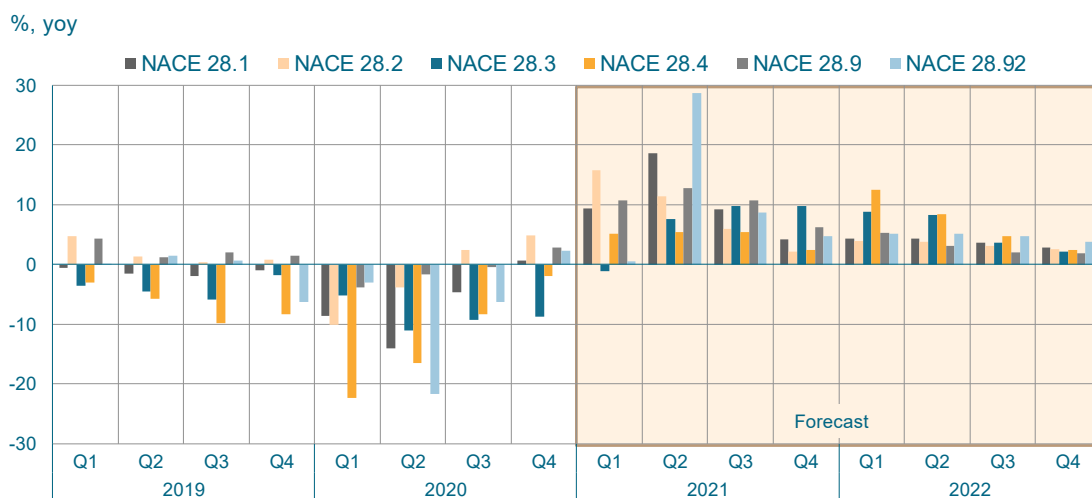
Evaluable answers N = 712



Source: VDMA, 10th flash survey on coronavirus, 1 April 2021

World: Output growth by engineering sectors

Will prospects be fulfilled?



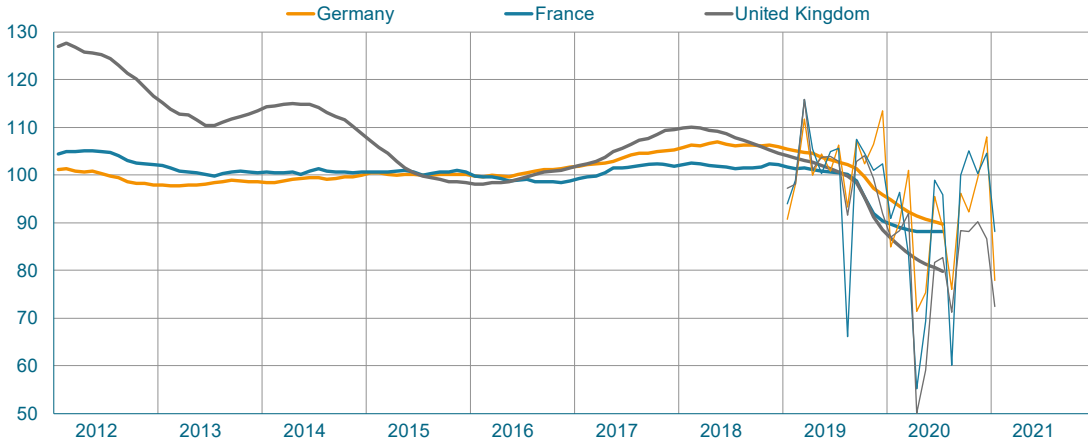
Source: Oxford Economics (March 4th, 2021)

Thank you
Thank you
for your attention!

Germany, France & UK: machinery production*



Volume index, 2015 = 100 and 12-months moving average



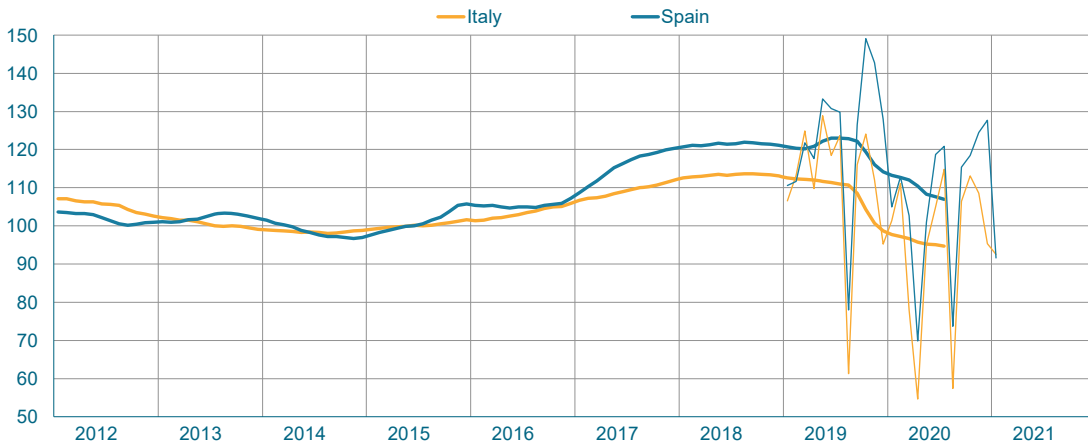
Source: Eurostat, Nat. Stat. Offices, Macrobond, VDMA

*) NACE rev. 2 code 28.

Italy & Spain: Machinery production*



Volume index, 2015 = 100 and 12-months moving average



Source: Eurostat, Nat. Stat. Offices, Macrobond, VDMA

*) NACE rev. 2 code 28.