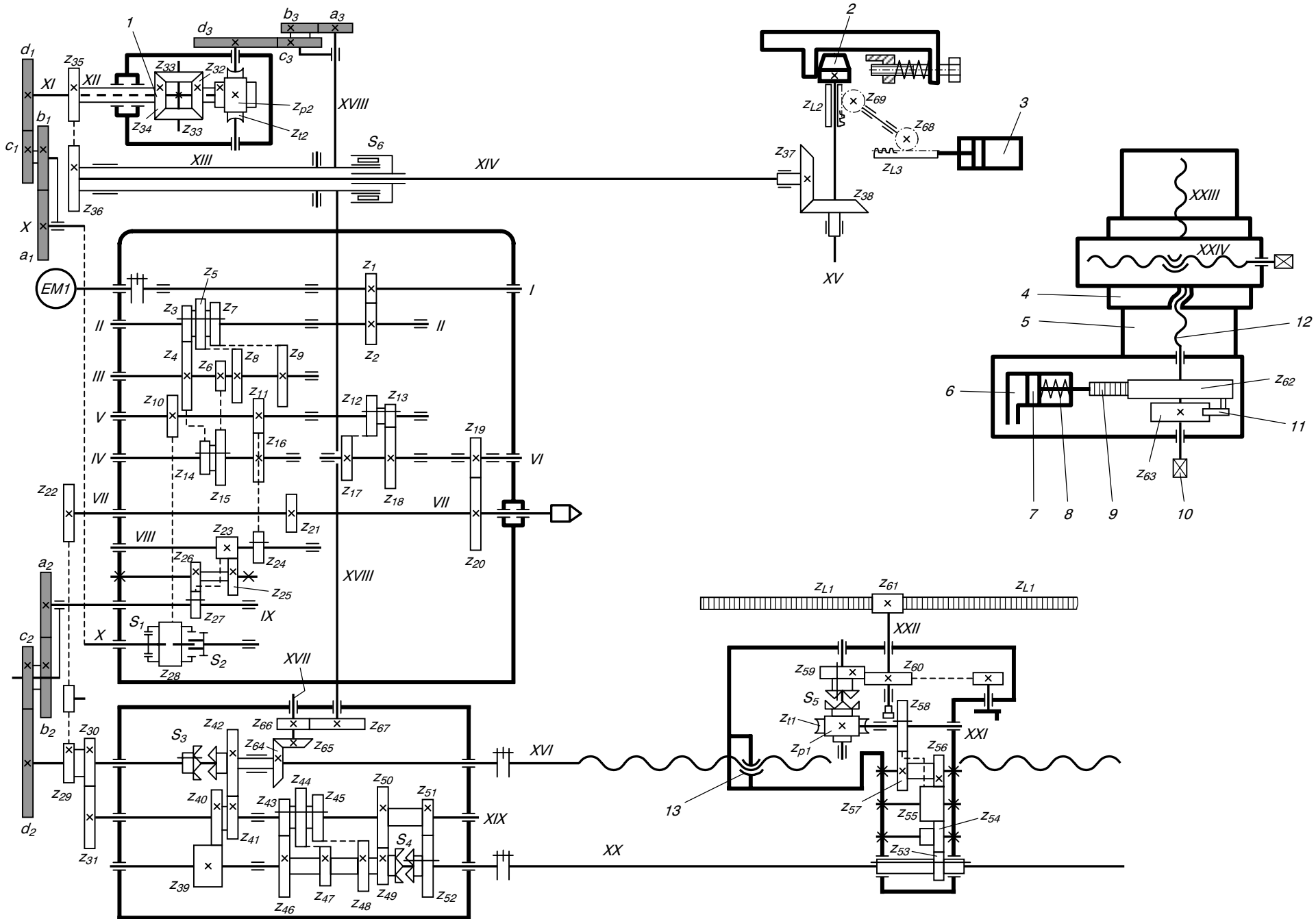
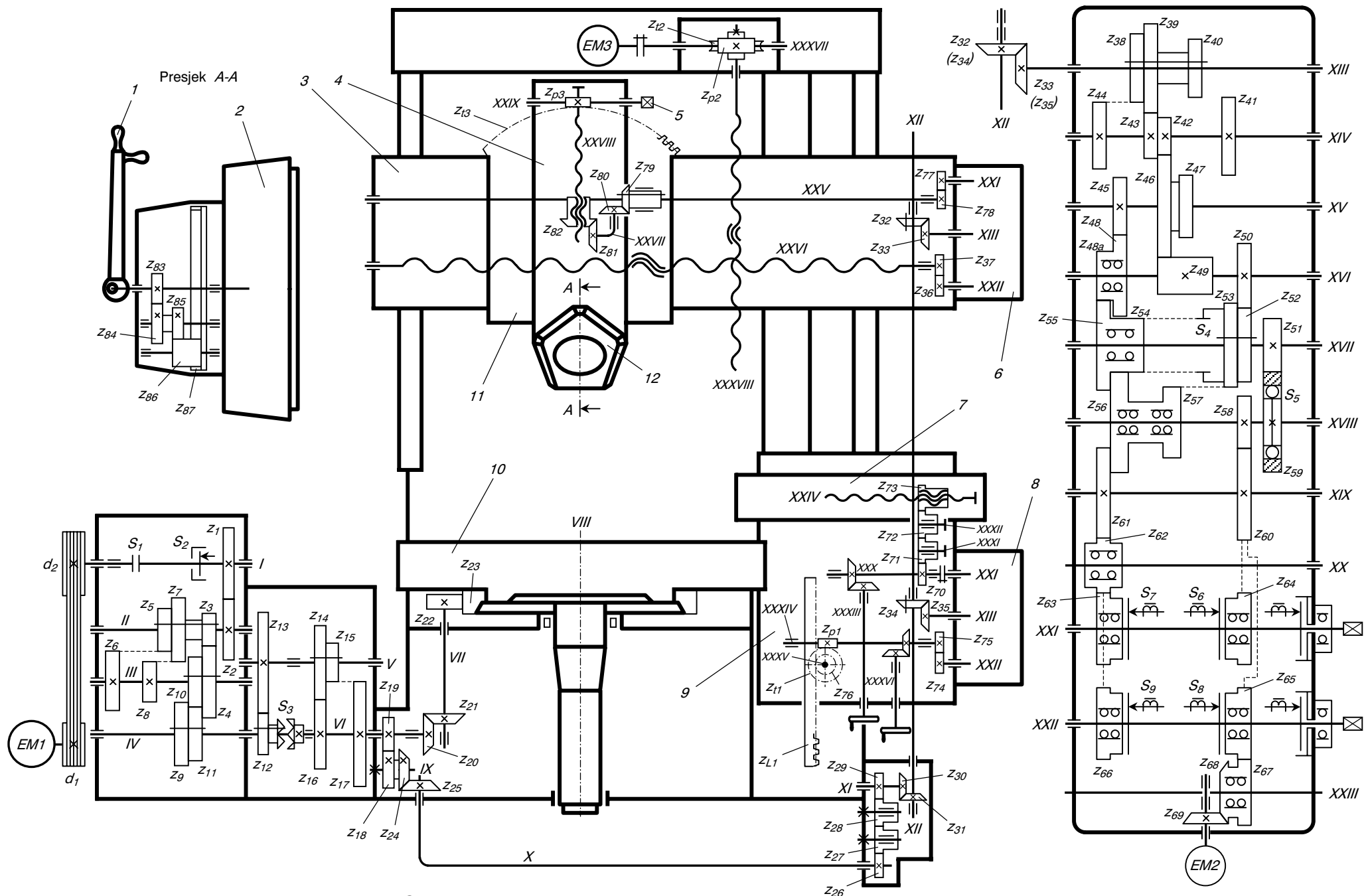


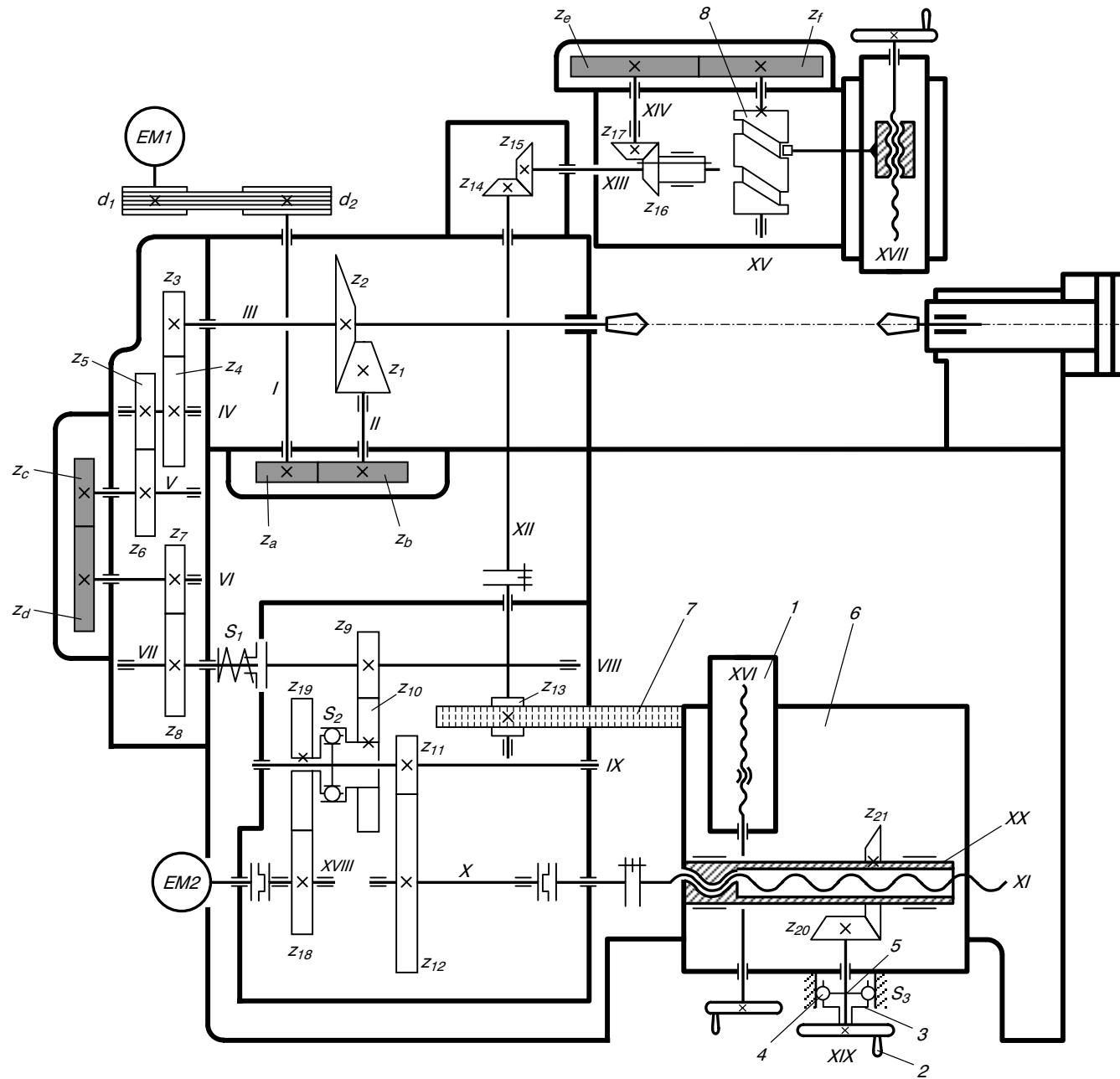
Slika P.3.1. Kinematska šema univerzalnog struga



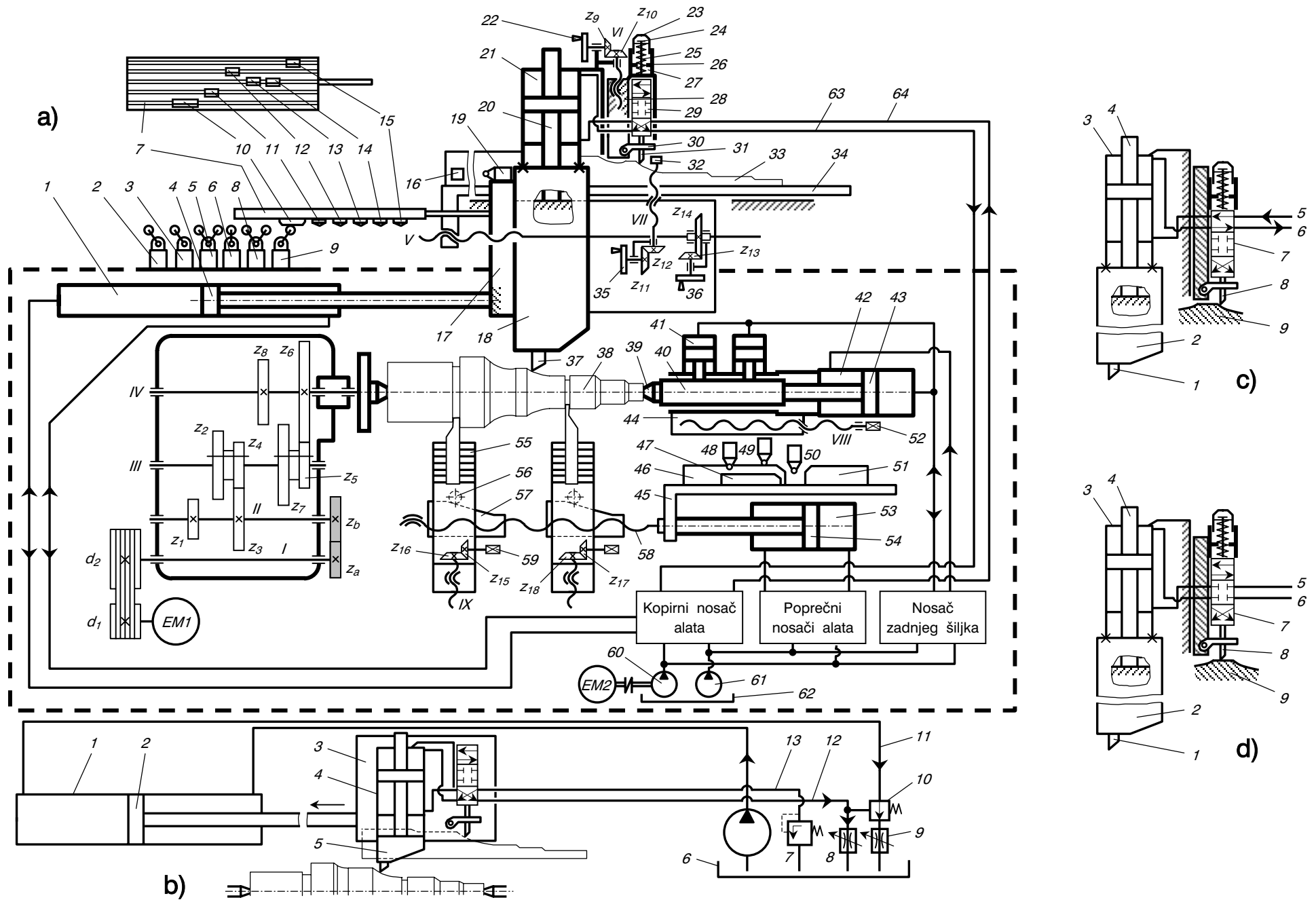
Slika P.3.2. Kinematska šema struga za leđno struganje



Slika P.3.3. Kinematska šema vertikalnog struga

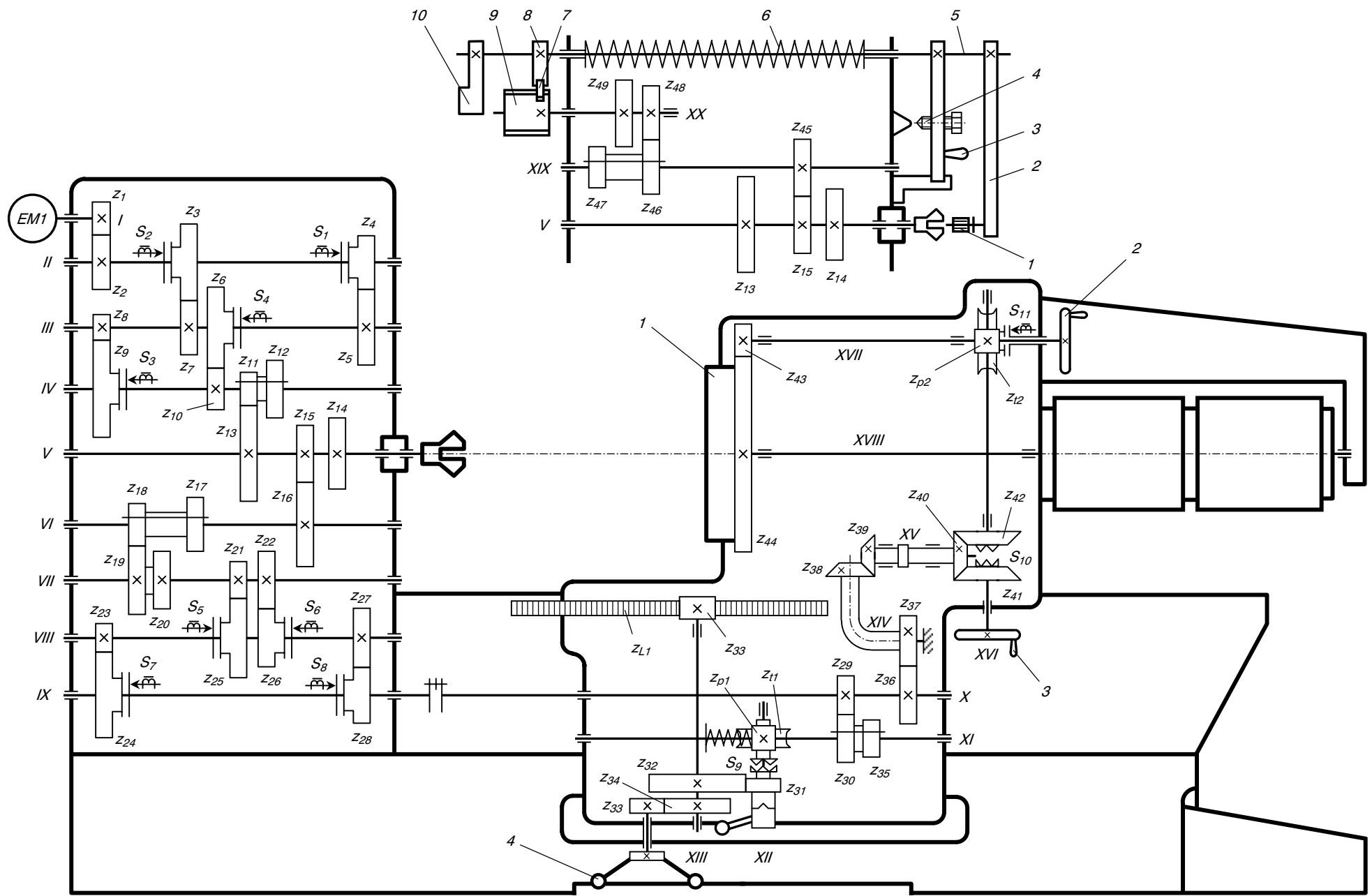


Slika P.3.4. Kinematska šema višesječajnog struga

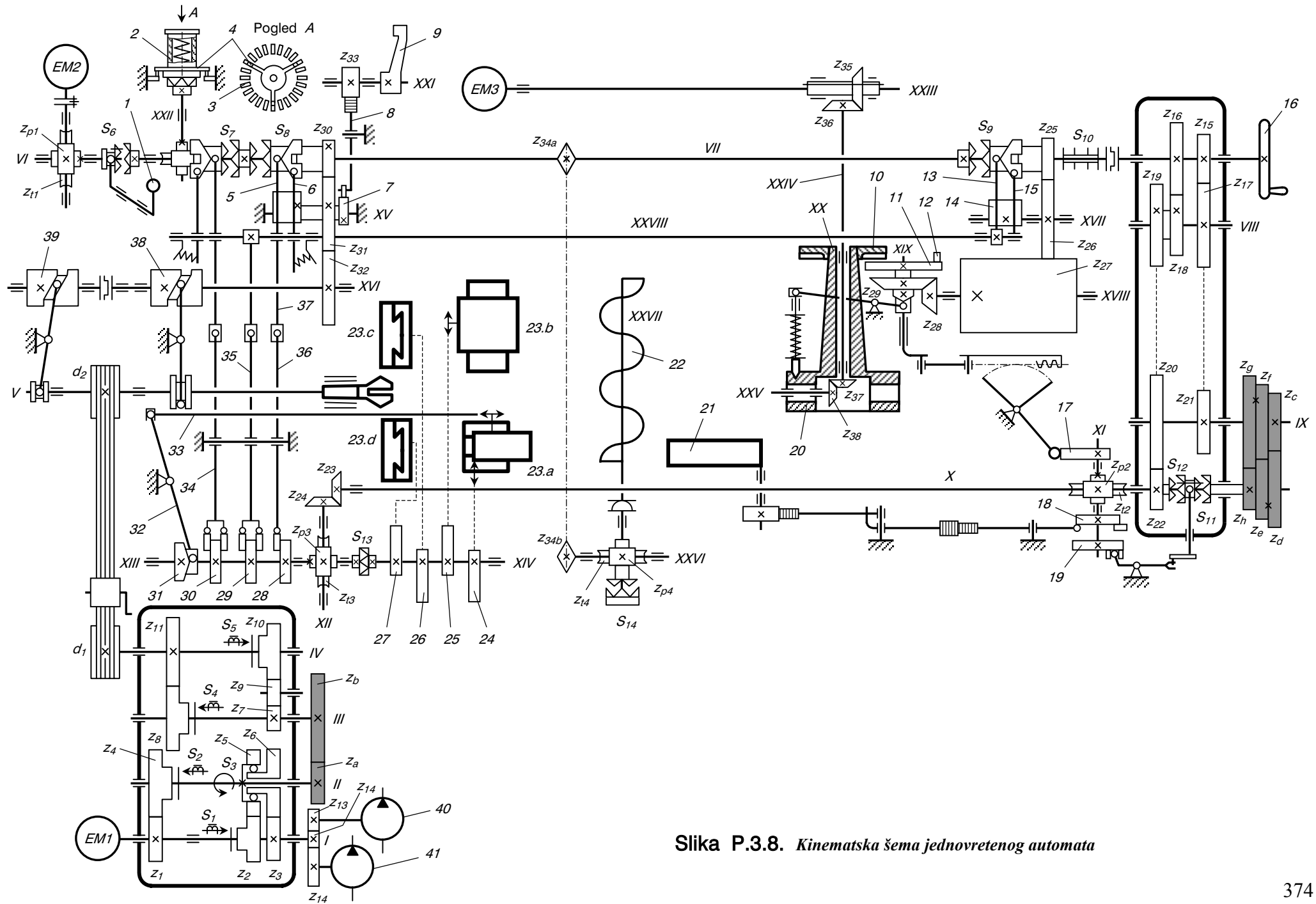


Slika P.3.5. Kinematska i hidraulična šema kopirnog struga



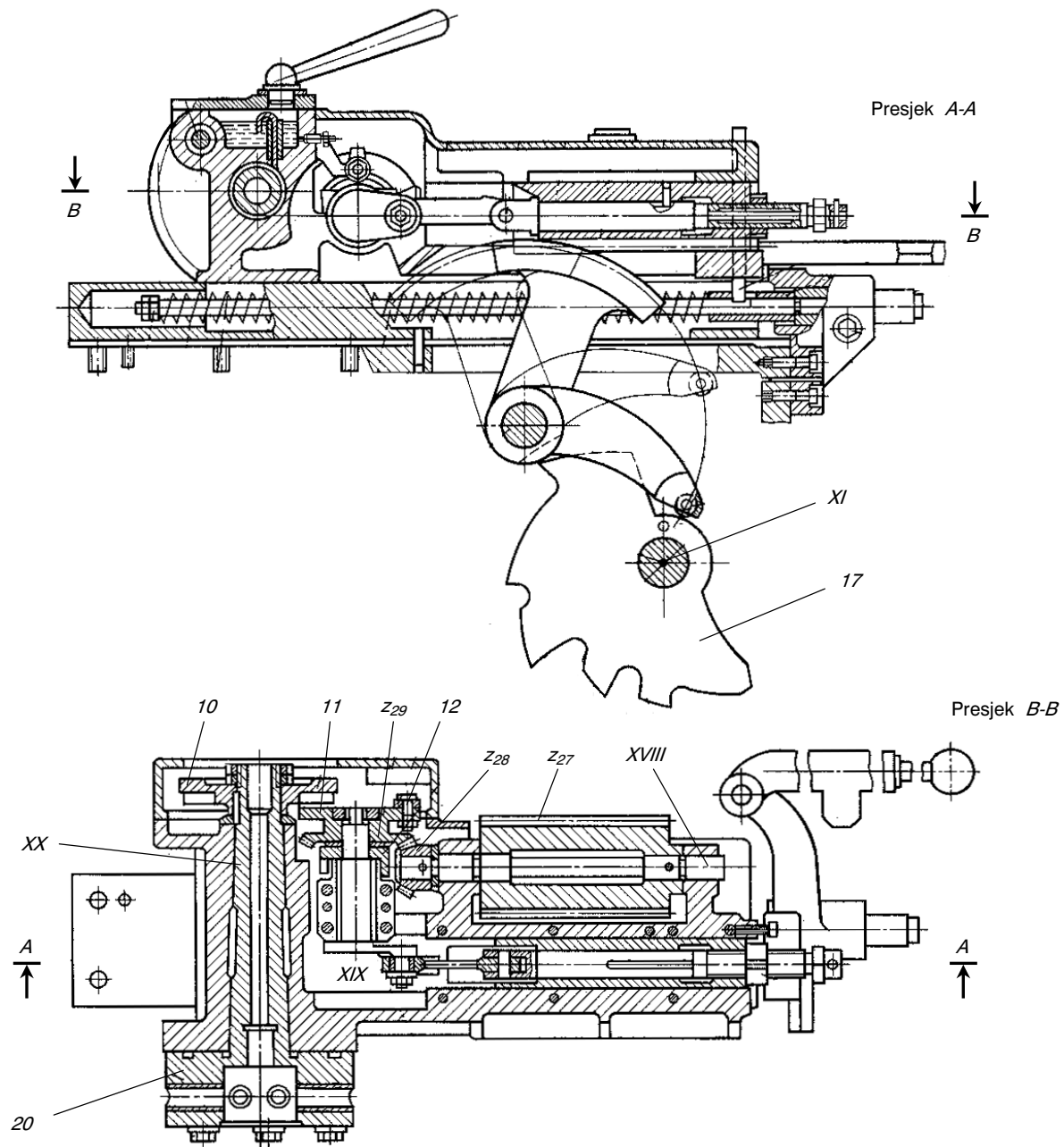


Slika P.3.7. Kinematska šema revolver struga sa vertikalnom revolver glavom

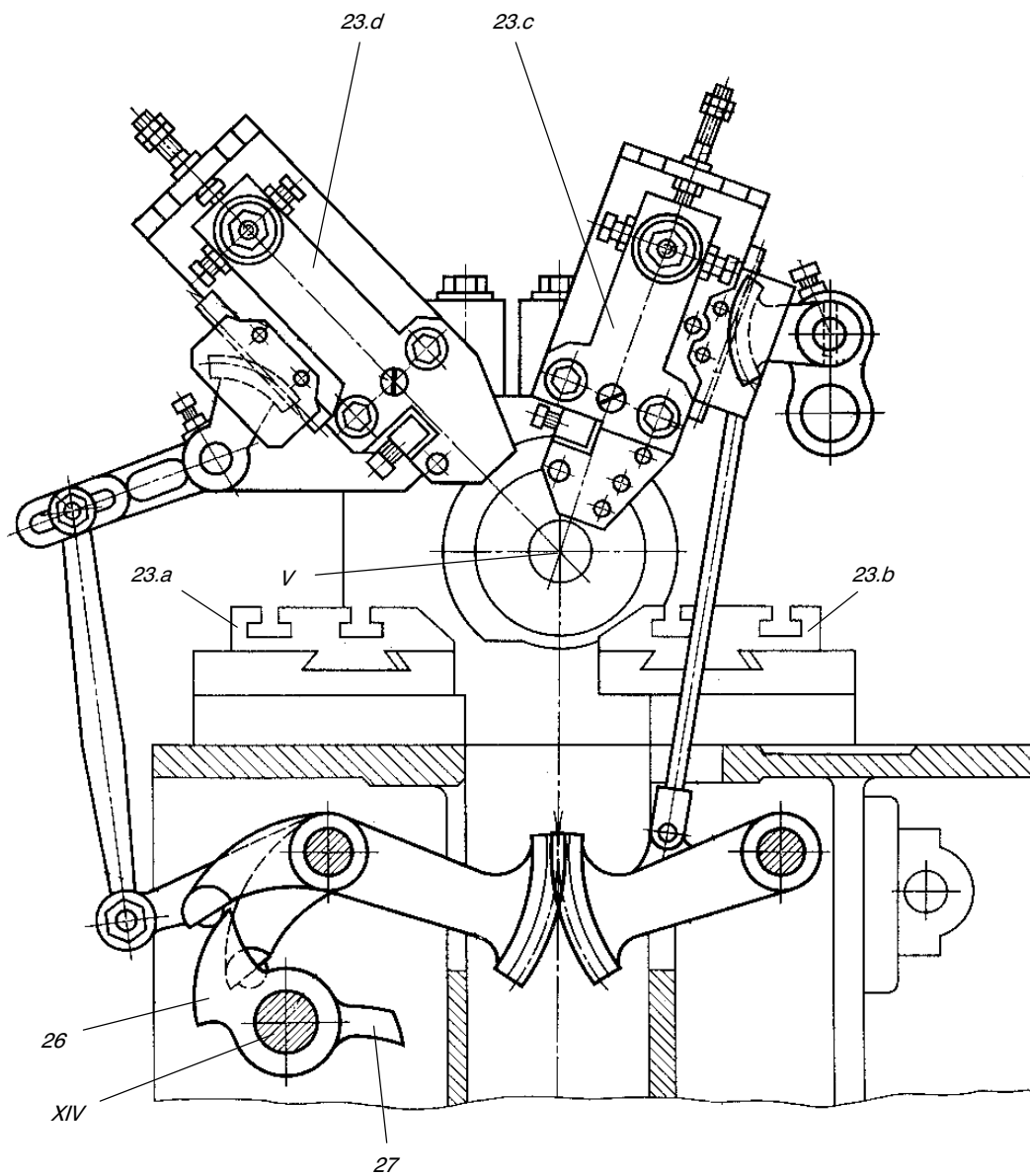


Slika P.3.8. Kinematska šema jednovretenog automata

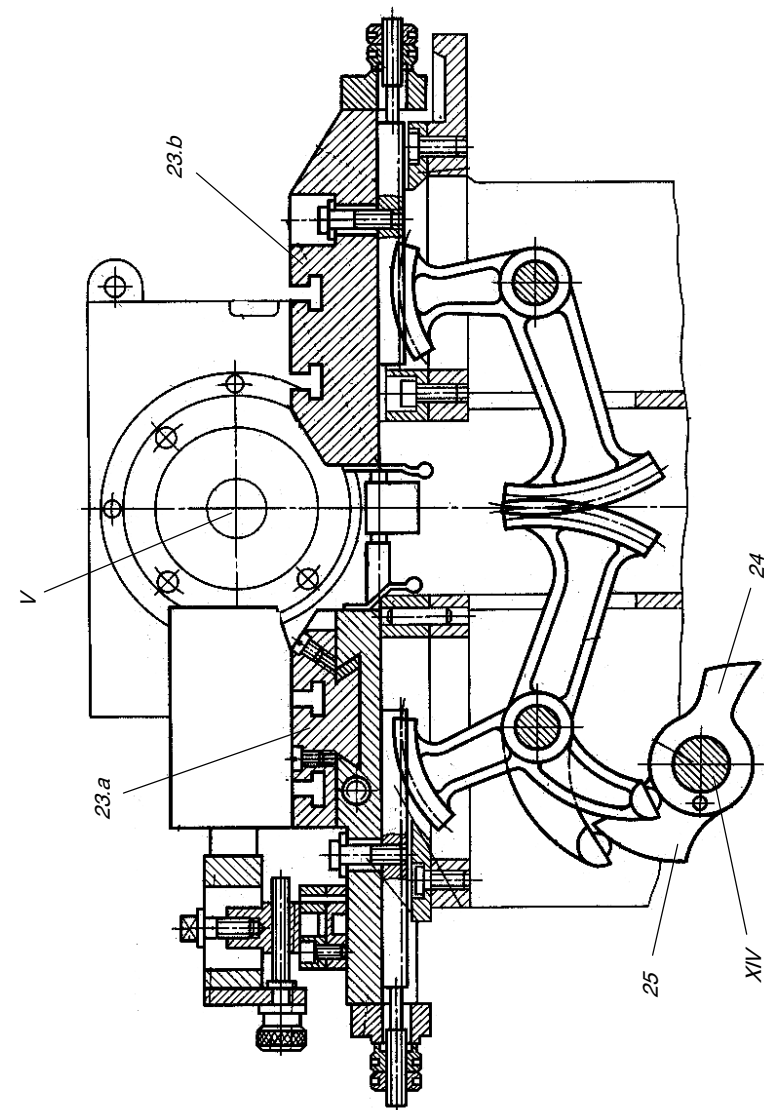




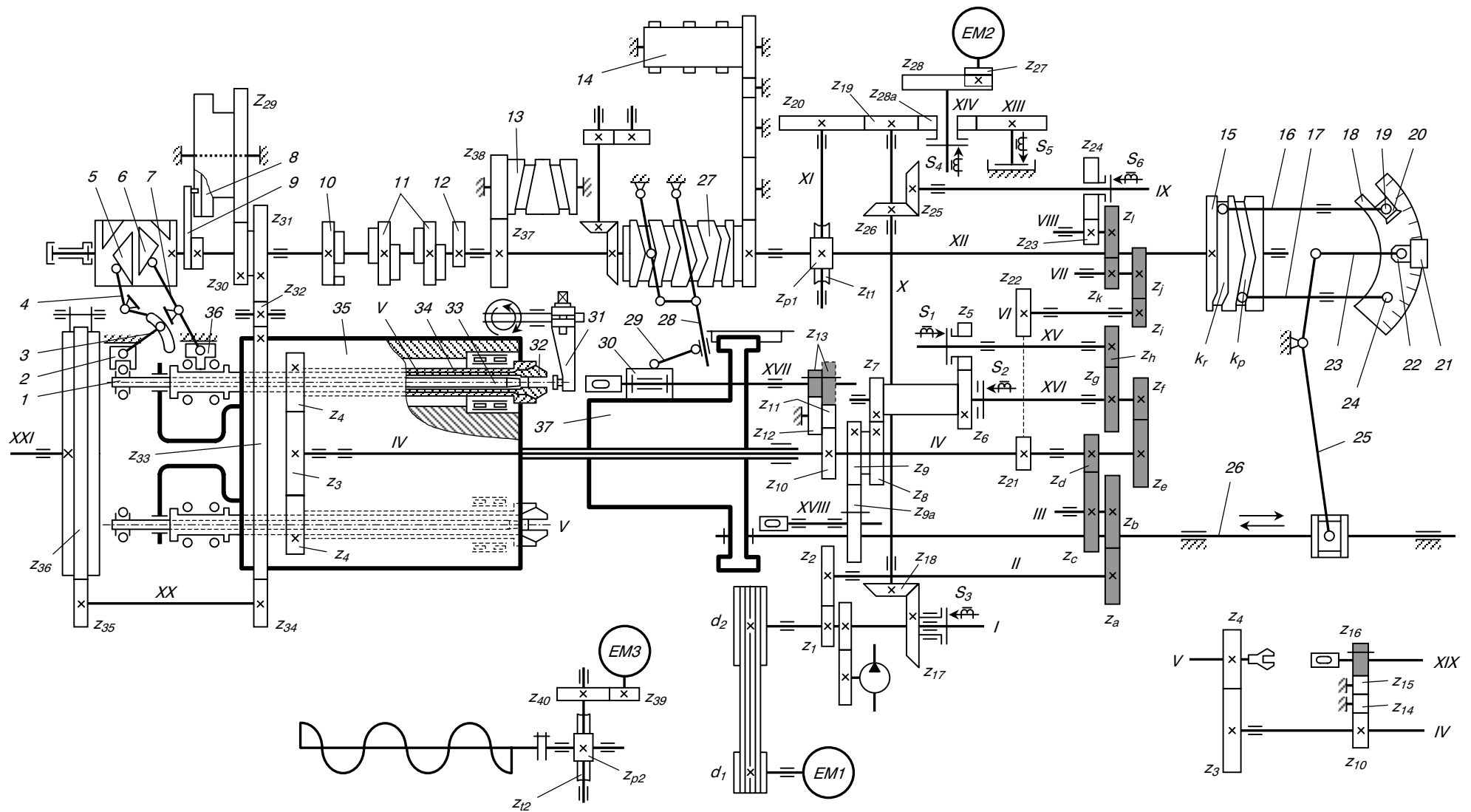
Slika P.3.9. Nosaç revolver glave automata sa slike P.3.8



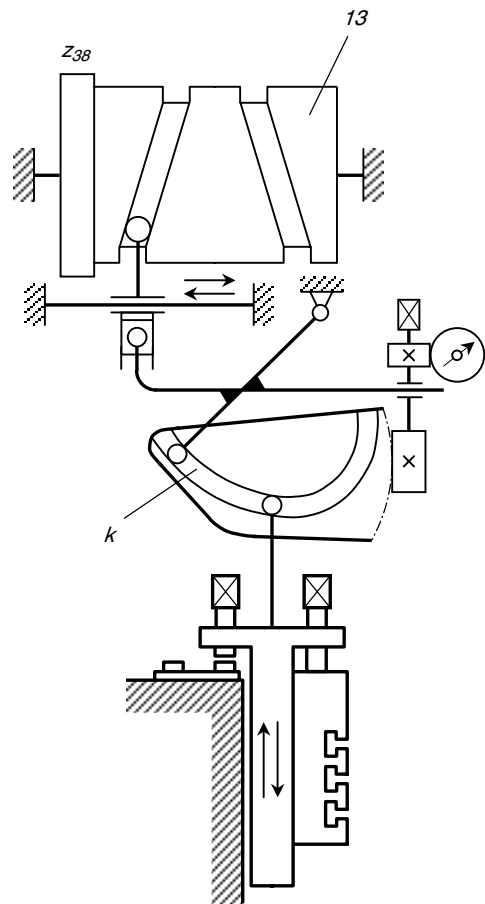
Slika P.3.10. *Mehanizam poprečnog posmaka vertikalnih nosača alata automata sa slike P.3.8*



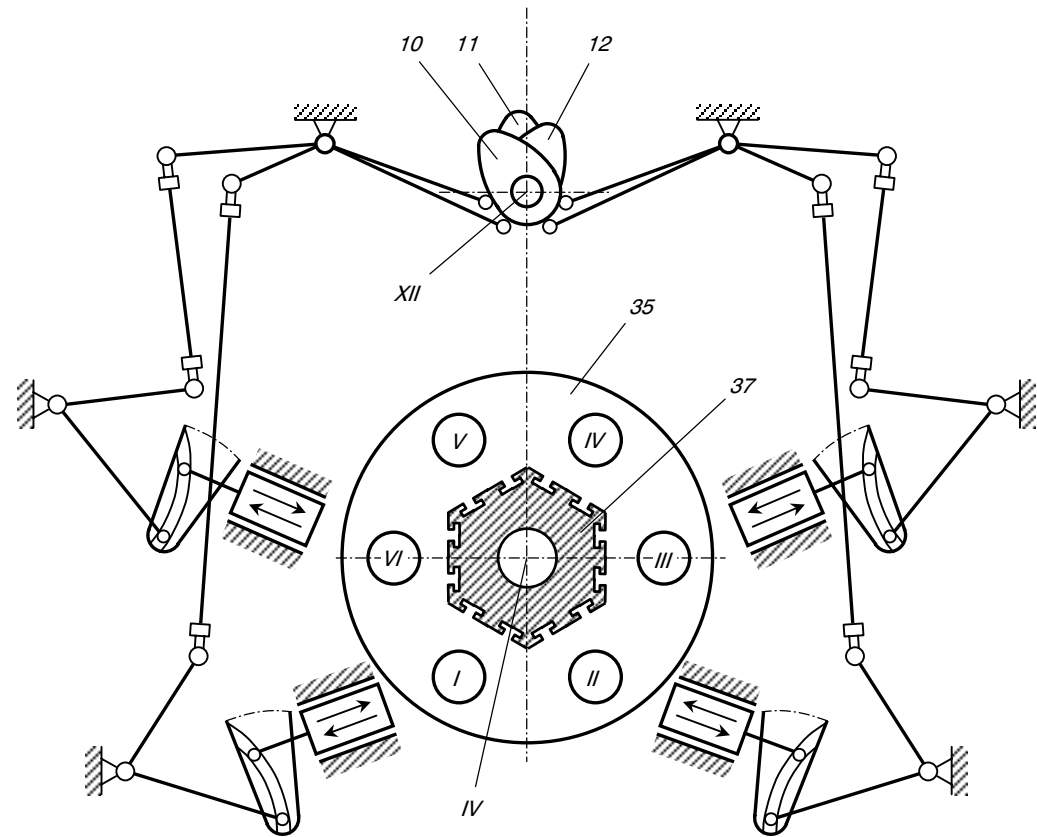
Slika P.3.11. *Mehanizam poprečnog posmaka horizontalnih nosača alata automata sa slike P.3.8*



Slika P.3.12. Kinematska šema šestovretenog automata

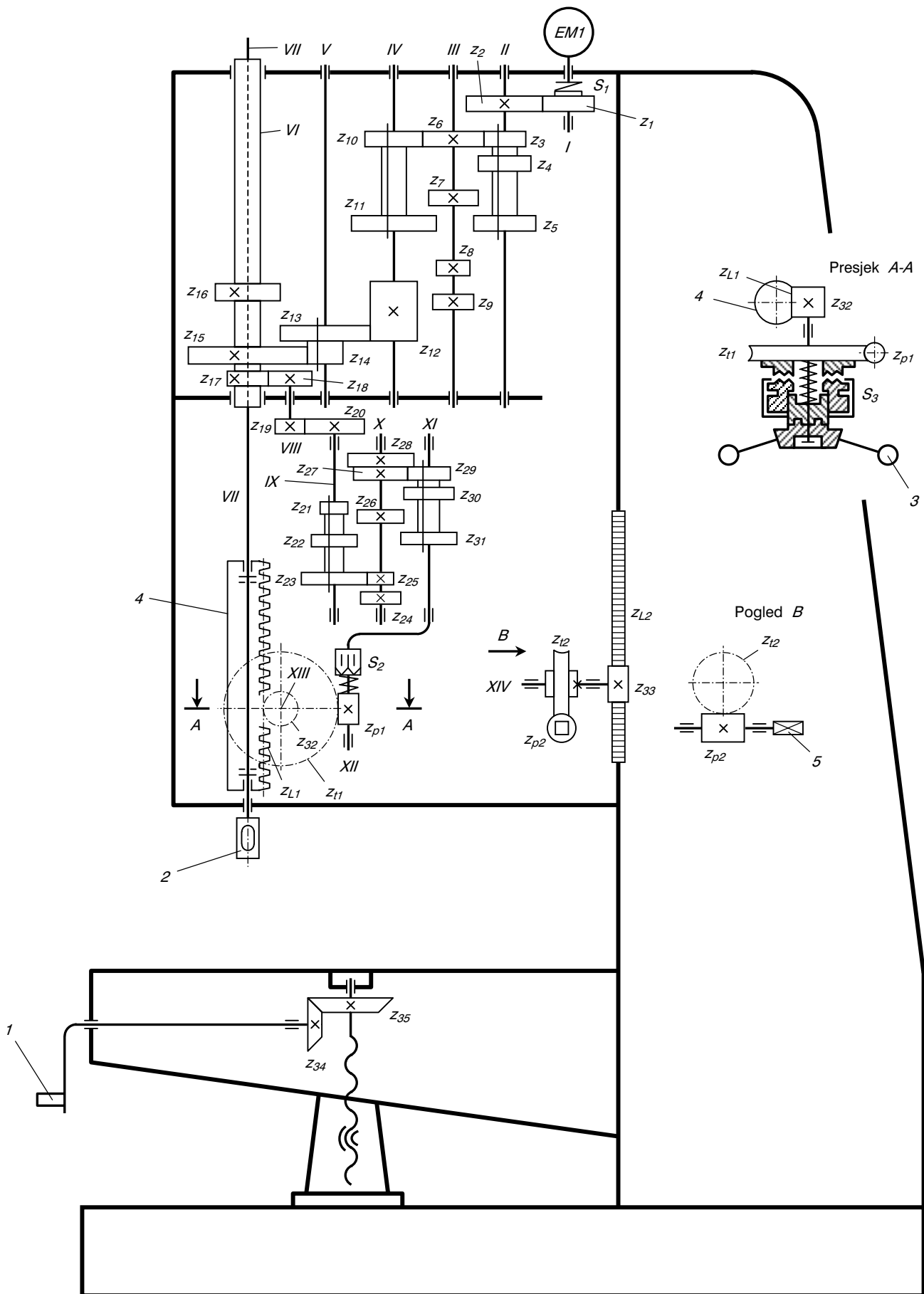


a)

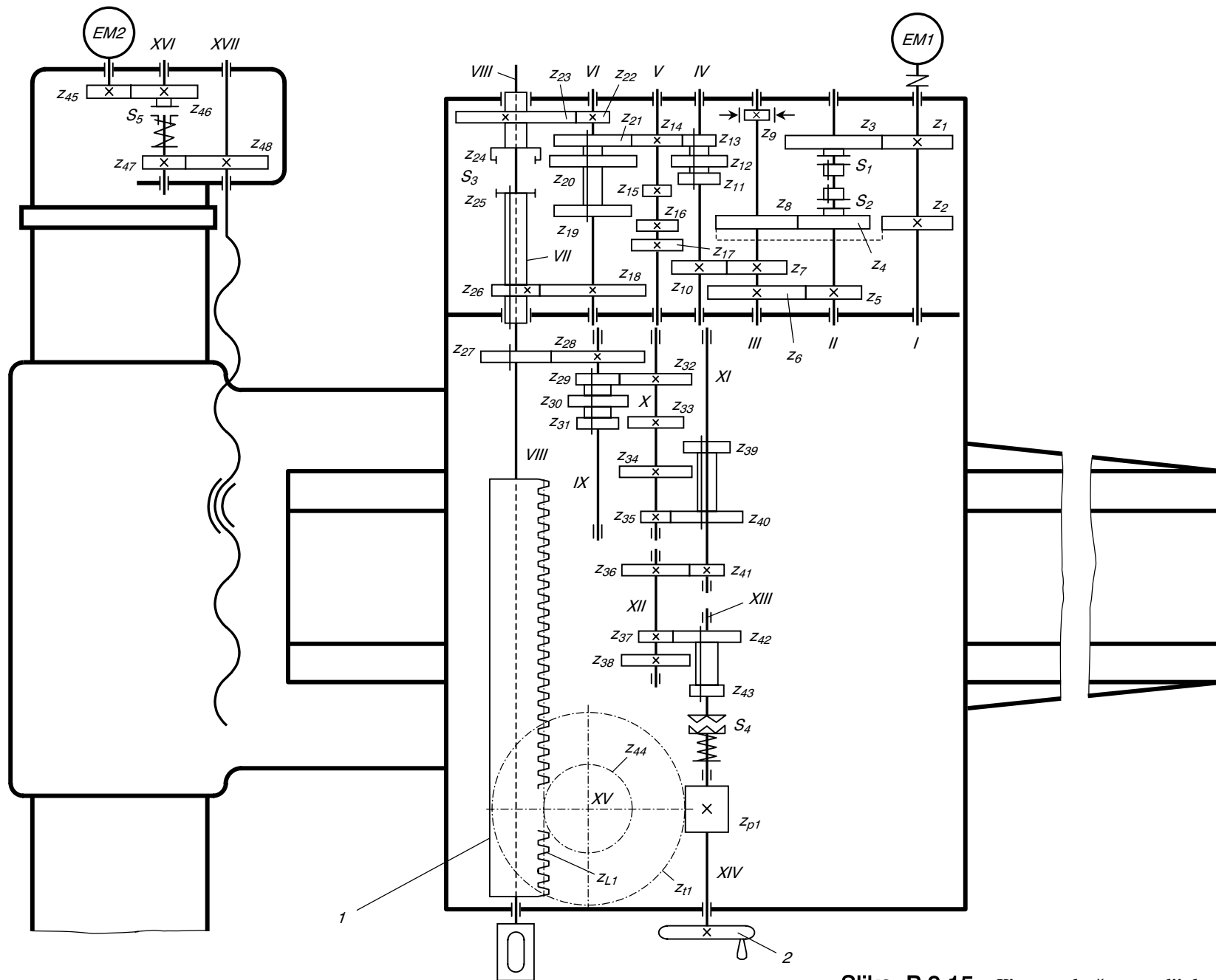


b)

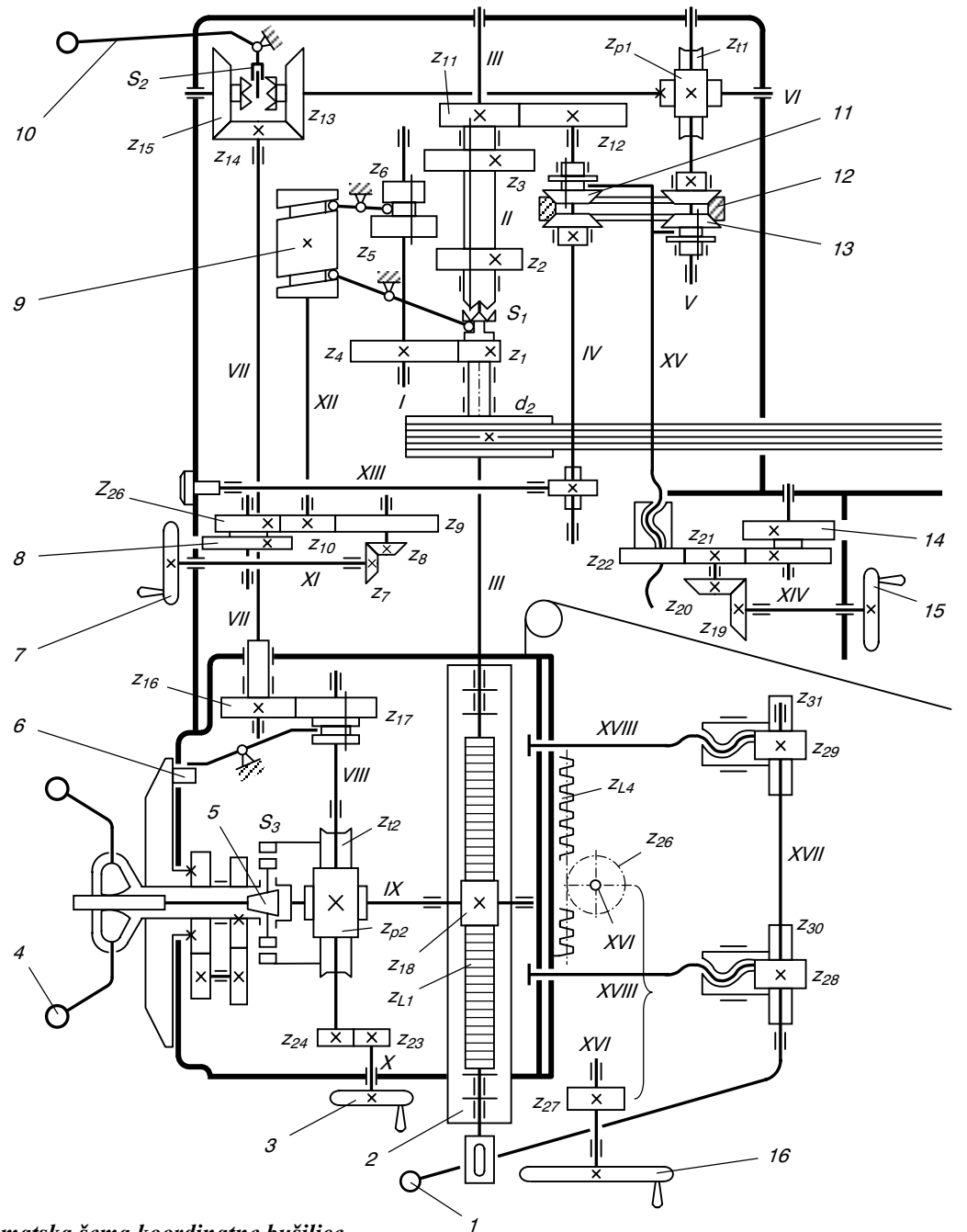
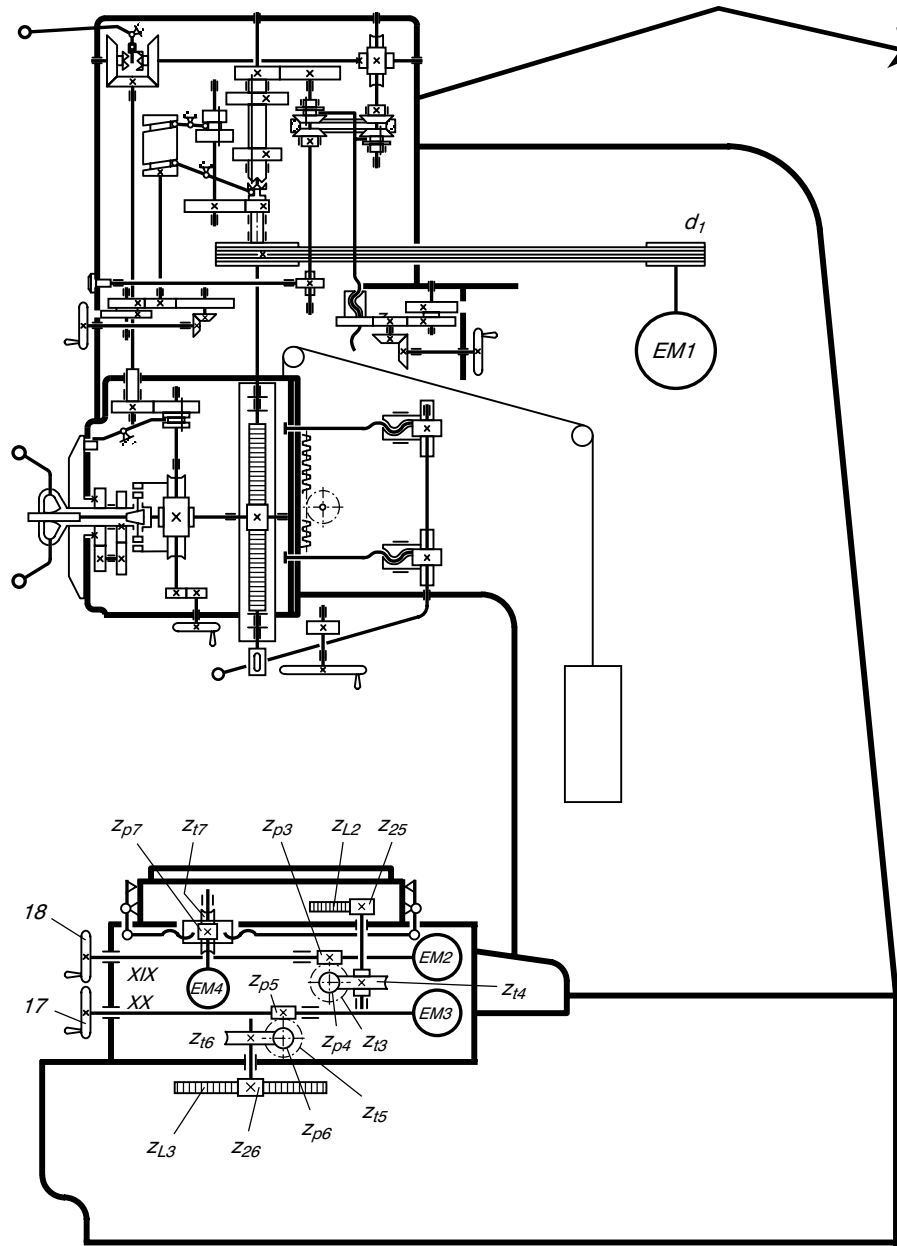
Slika P.3.13. Mehaniizmi poprečnih nosača alata automata sa slike P.3.12: a) gornji nosači, b) srednji i donji nosači



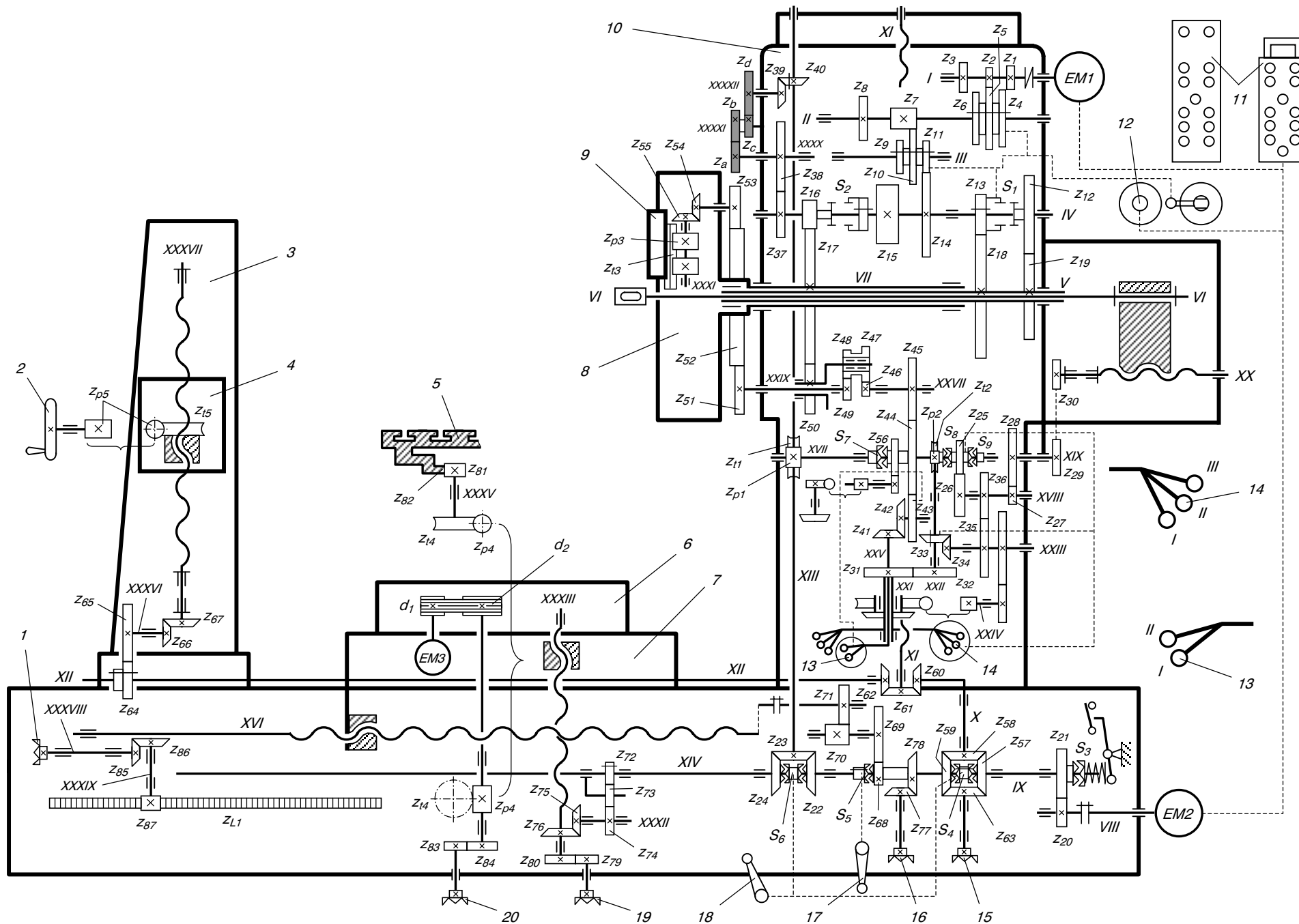
Slika P.3.14. Kinematska šema bušilice sa stolkom



Slika P.3.15. Kinematska šema radijalne bušilice

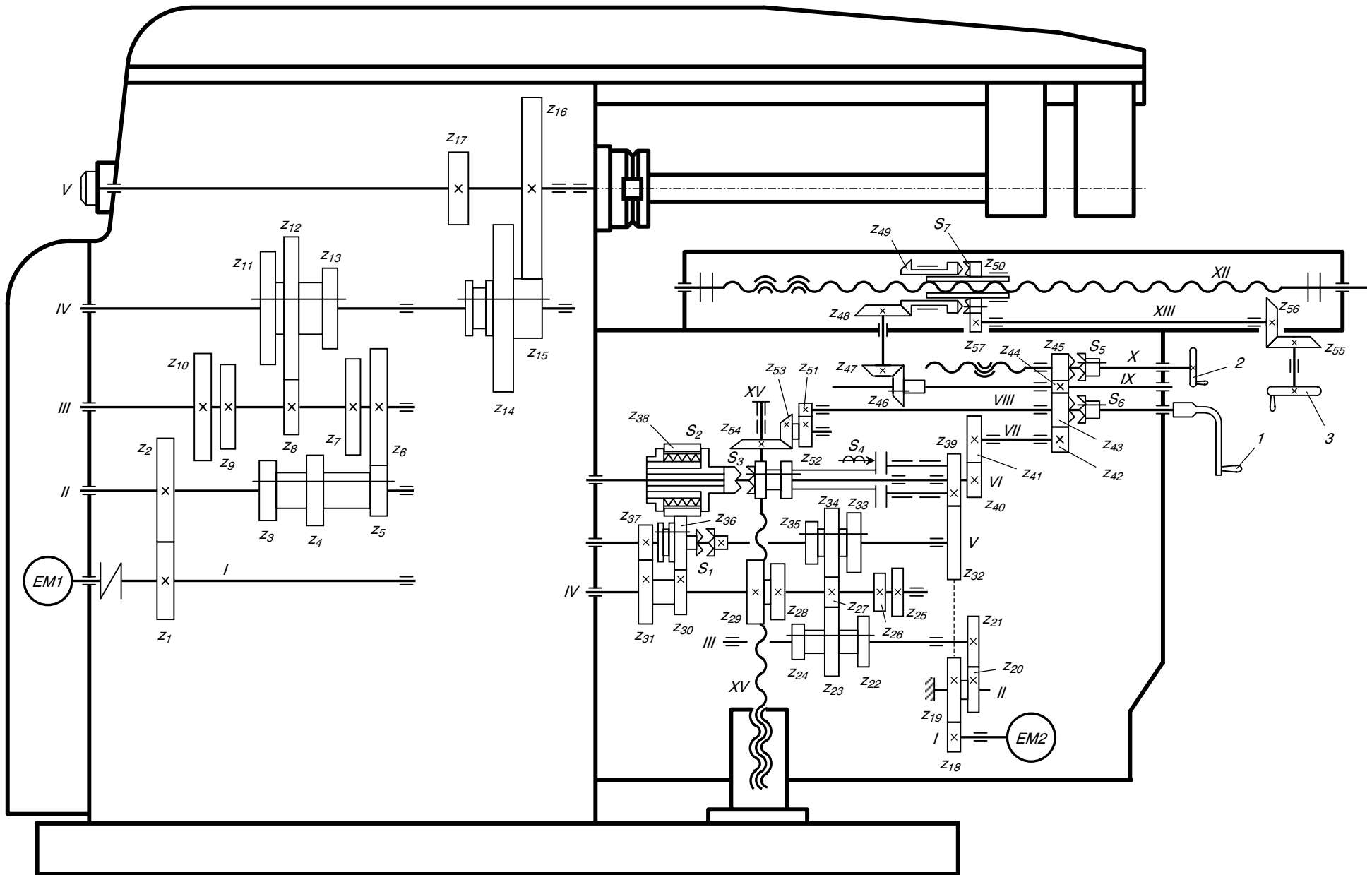


Slika P.3.16. Kinematska šema koordinatne bušilice

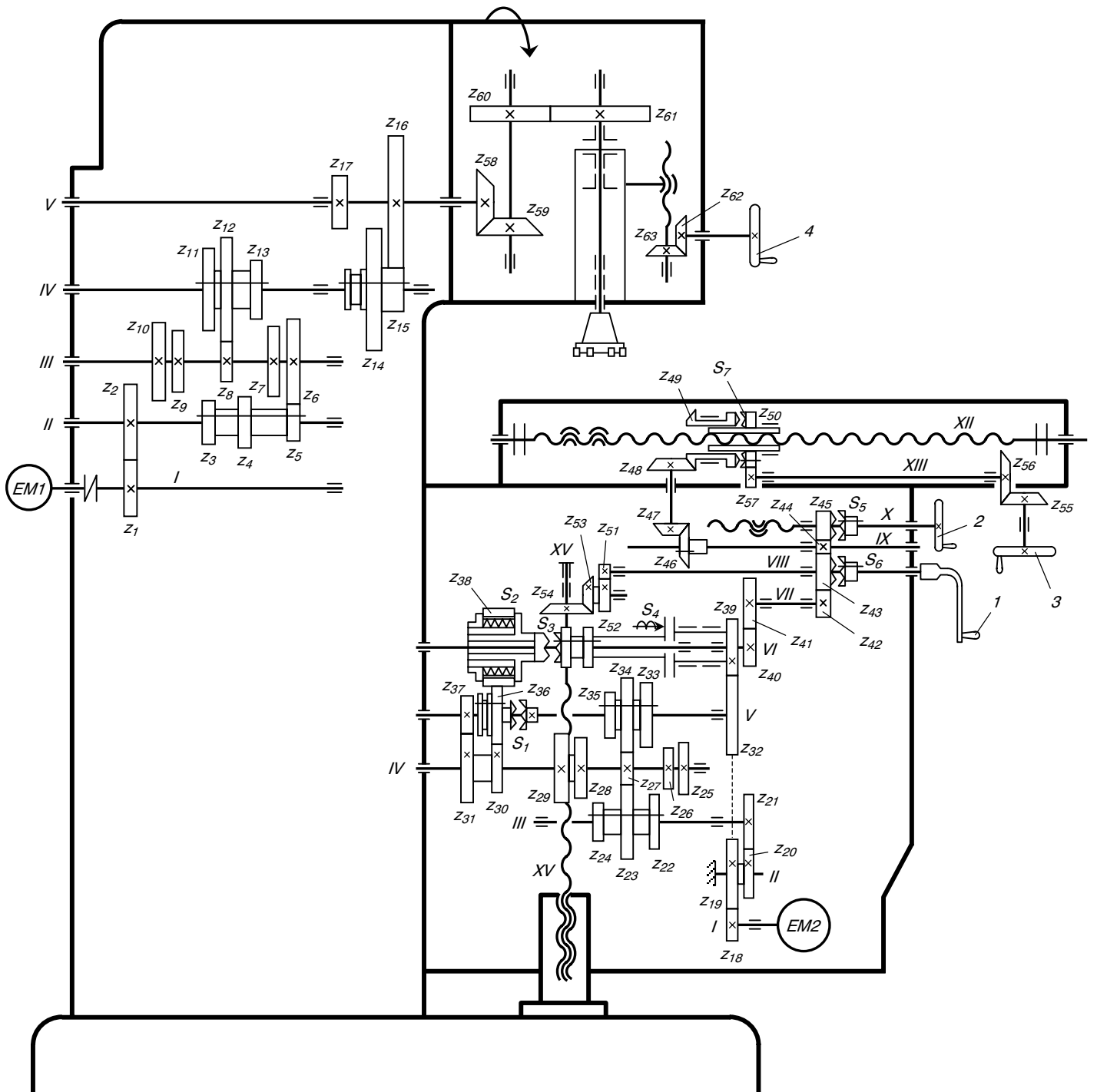


Slika P.3.17. Kinematska šema horizontalne bušilice-godalice

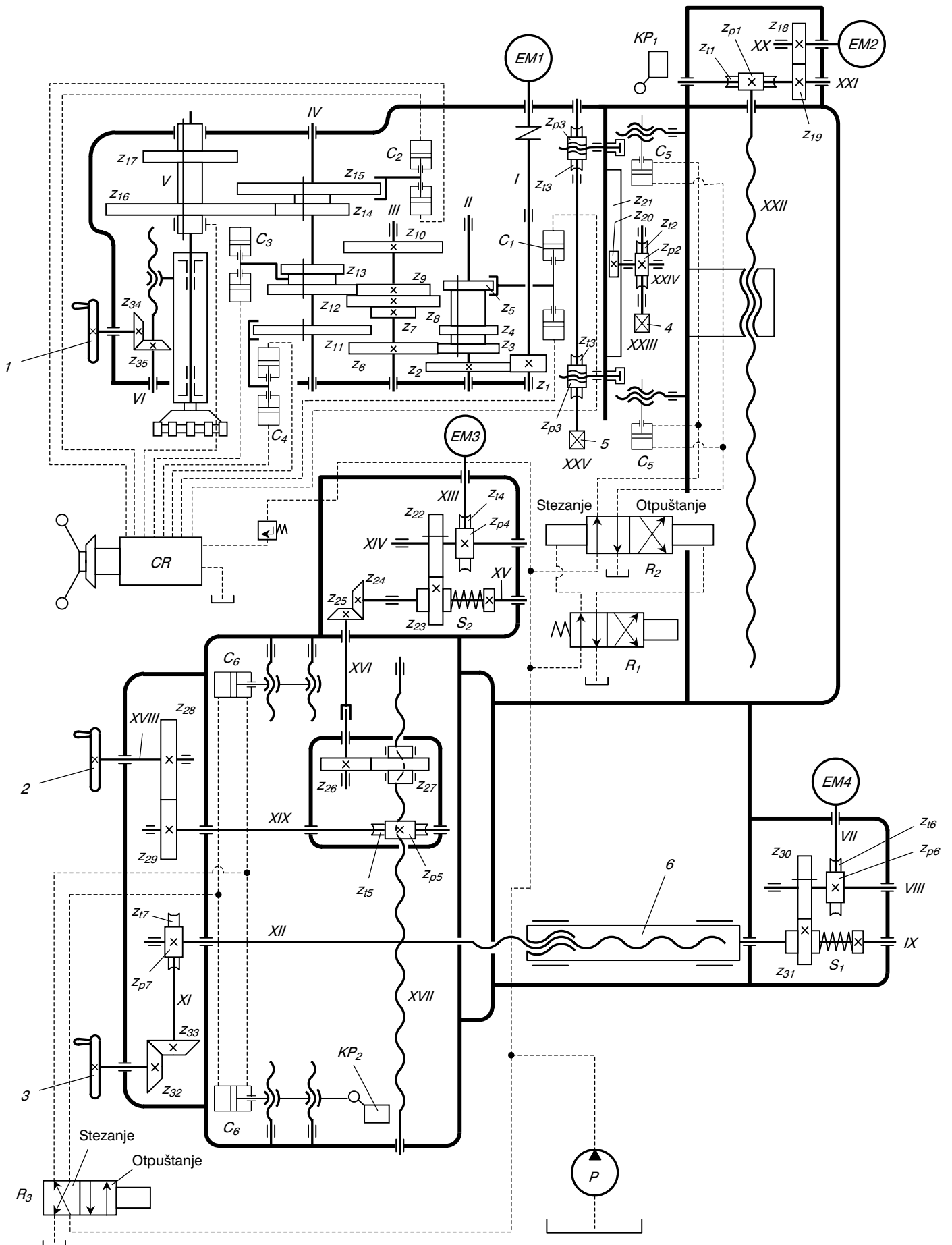




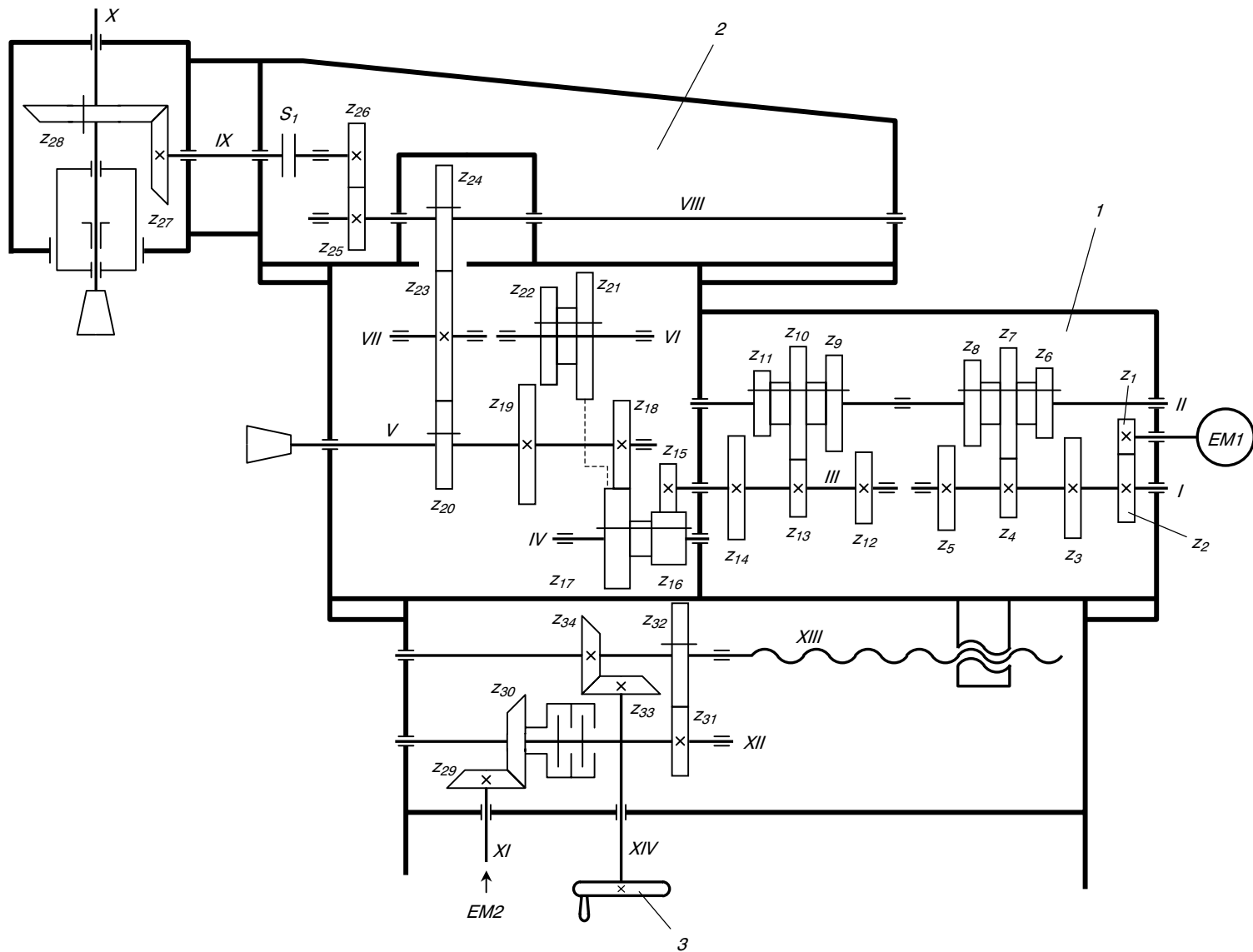
Slika P.3.18. Kinematska šema univerzalne horizontalne glodalice



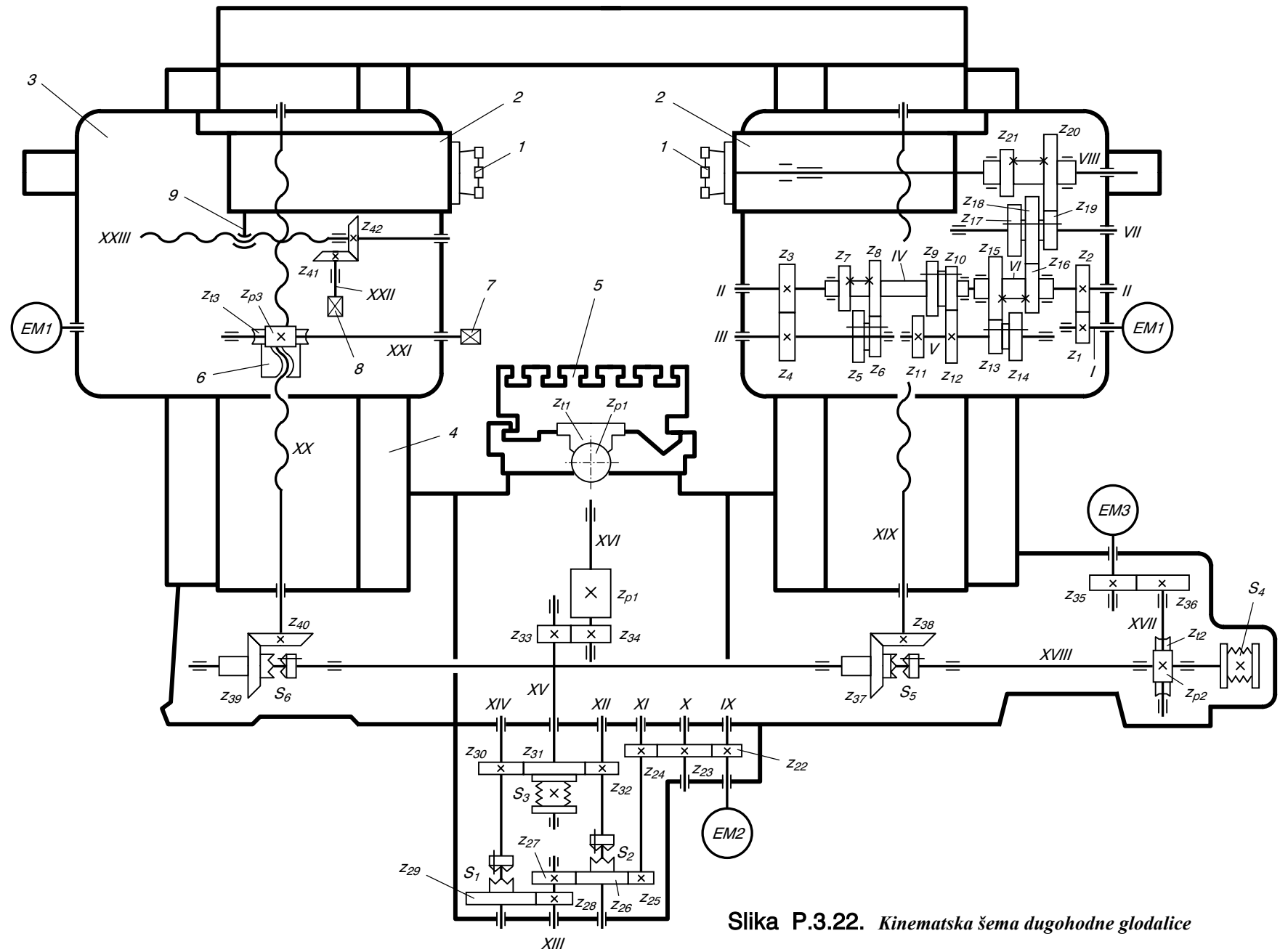
Slika P.3.19. Kinematska šema vertikalne konzolne glodalice



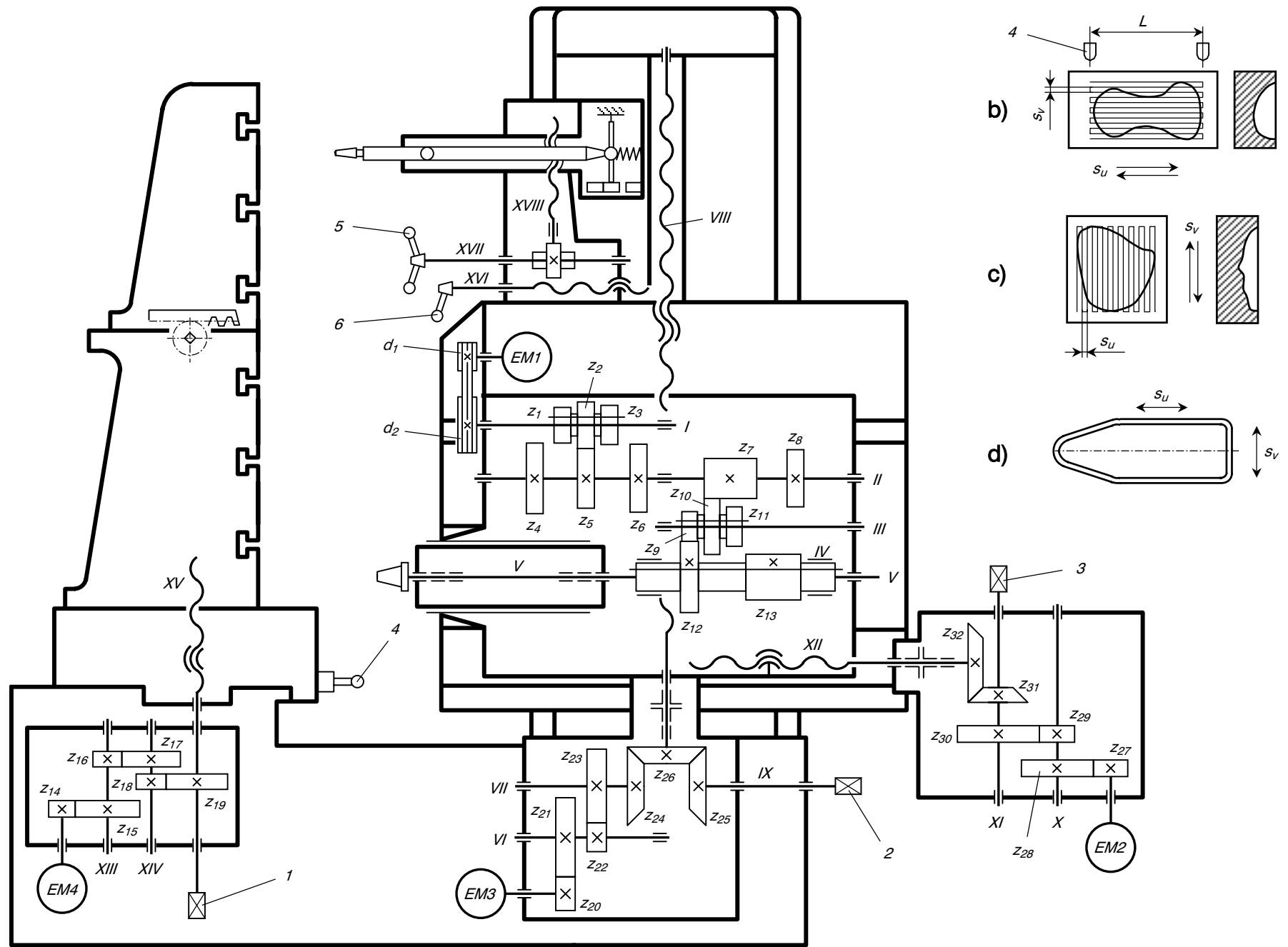
Slika P.3.20. Kinematska i hidraulična šema vertikalne bezkonzolne godalice



Slika P.3.21. Kinematska šema prijenosnika za glavno kretanje kod alatne glodalice

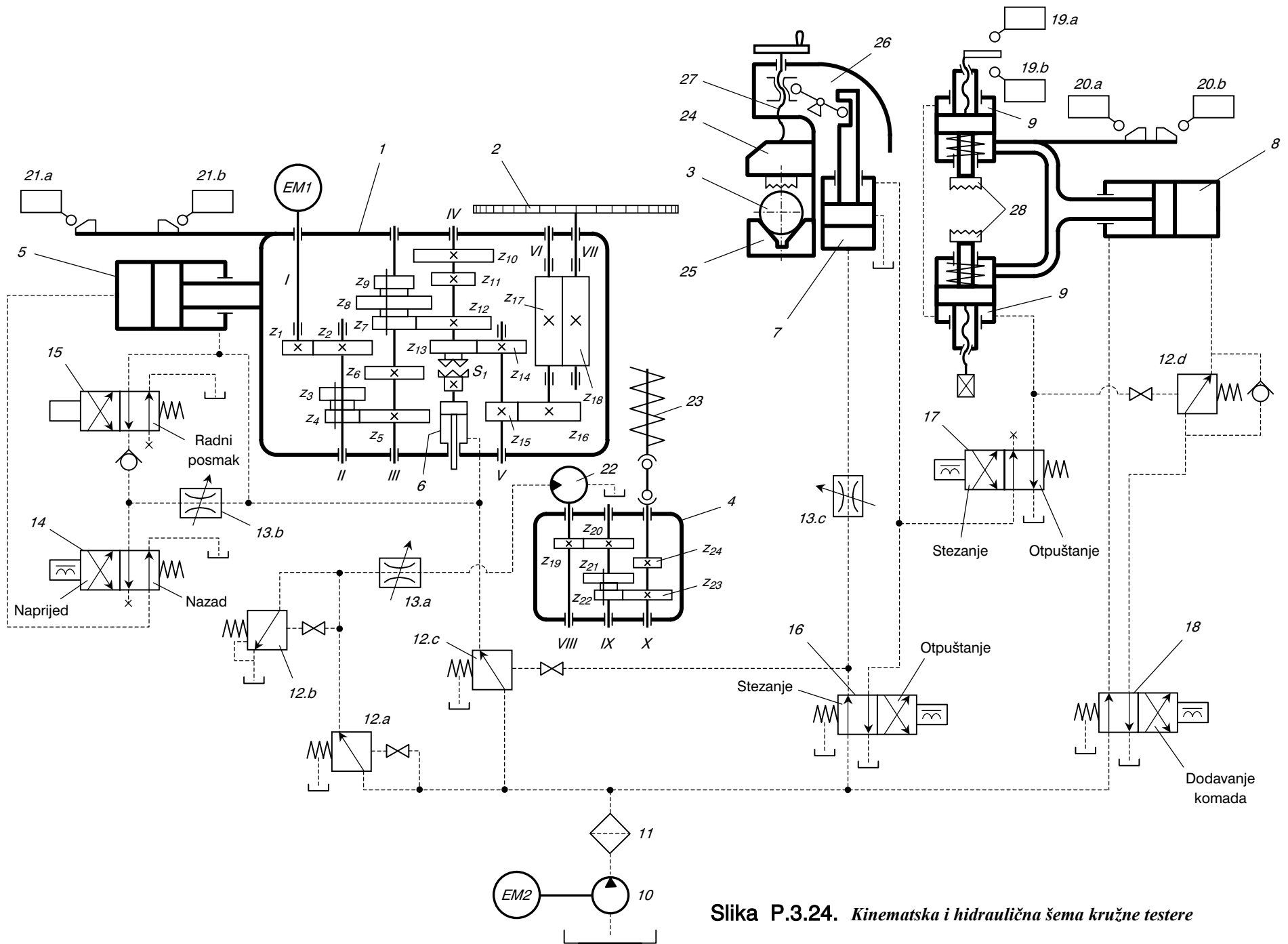


Slika P.3.22. Kinematska šema dugohodne glodalice

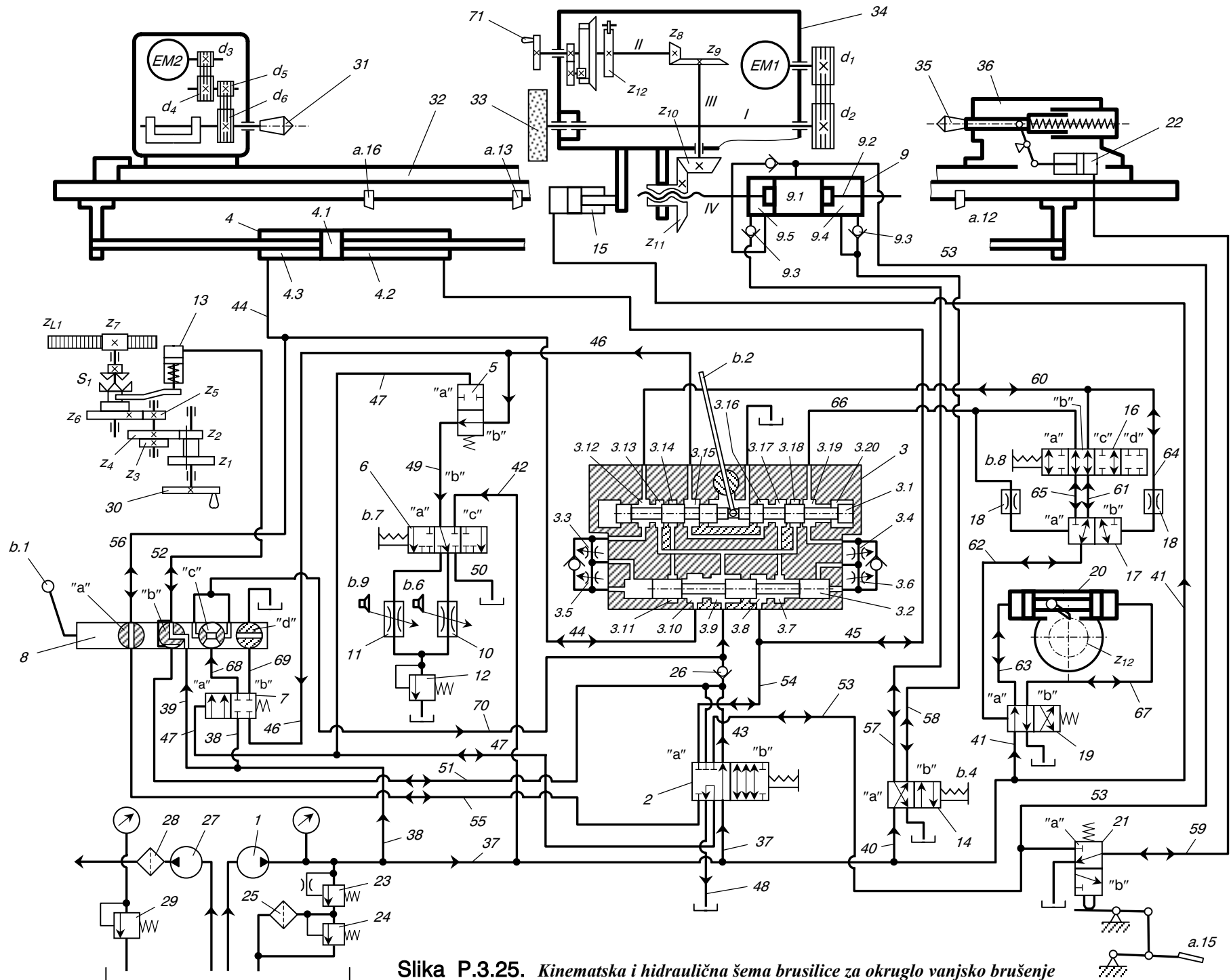


a)

Slika P.3.23. Kinematska šema horizontalne kopirne glodalice

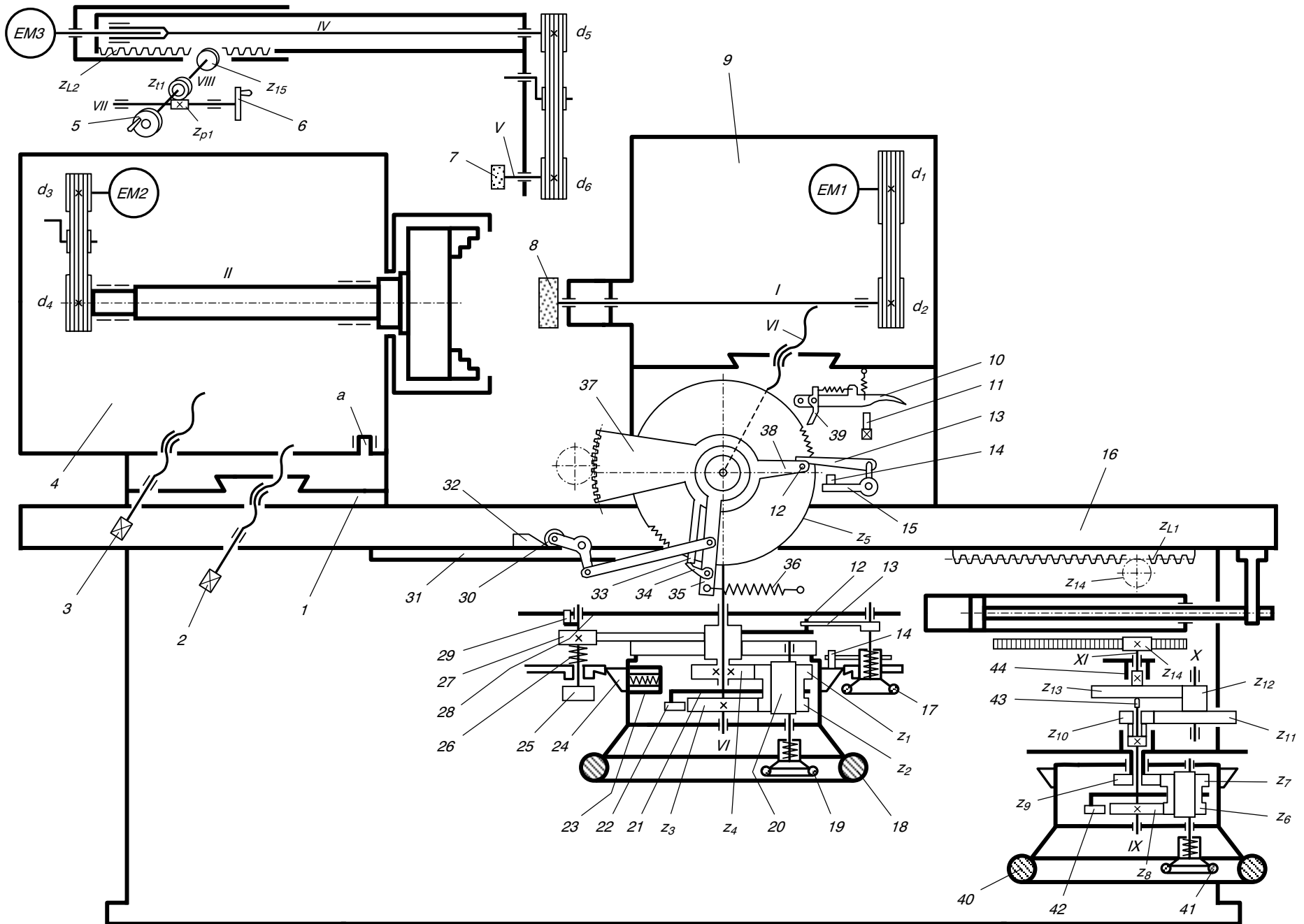


Slika P.3.24. Kinematska i hidraulična šema kružne testere

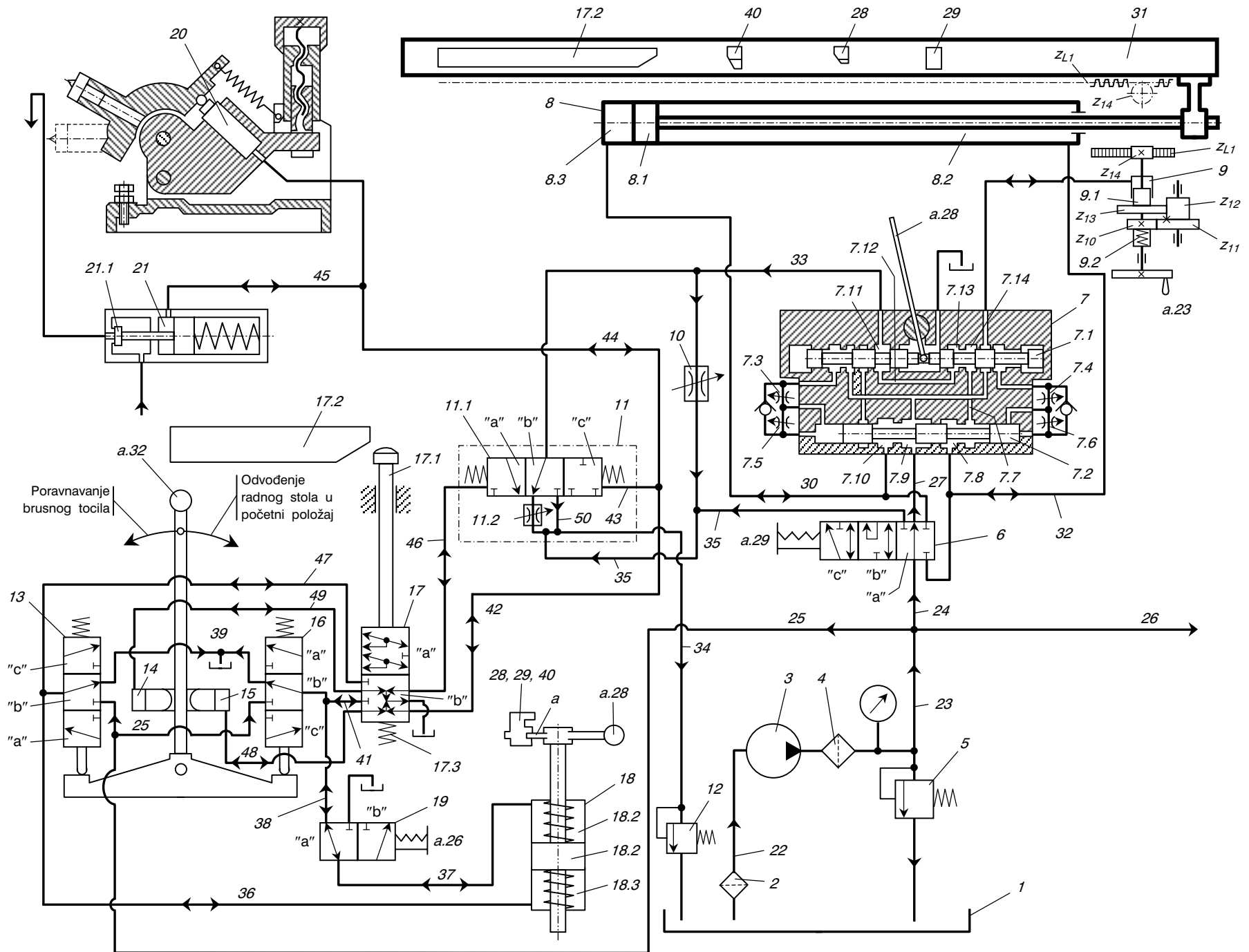


Slika P.3.25. Kinematska i hidraulična šema brusilice za okruglo vanjsko brušenje

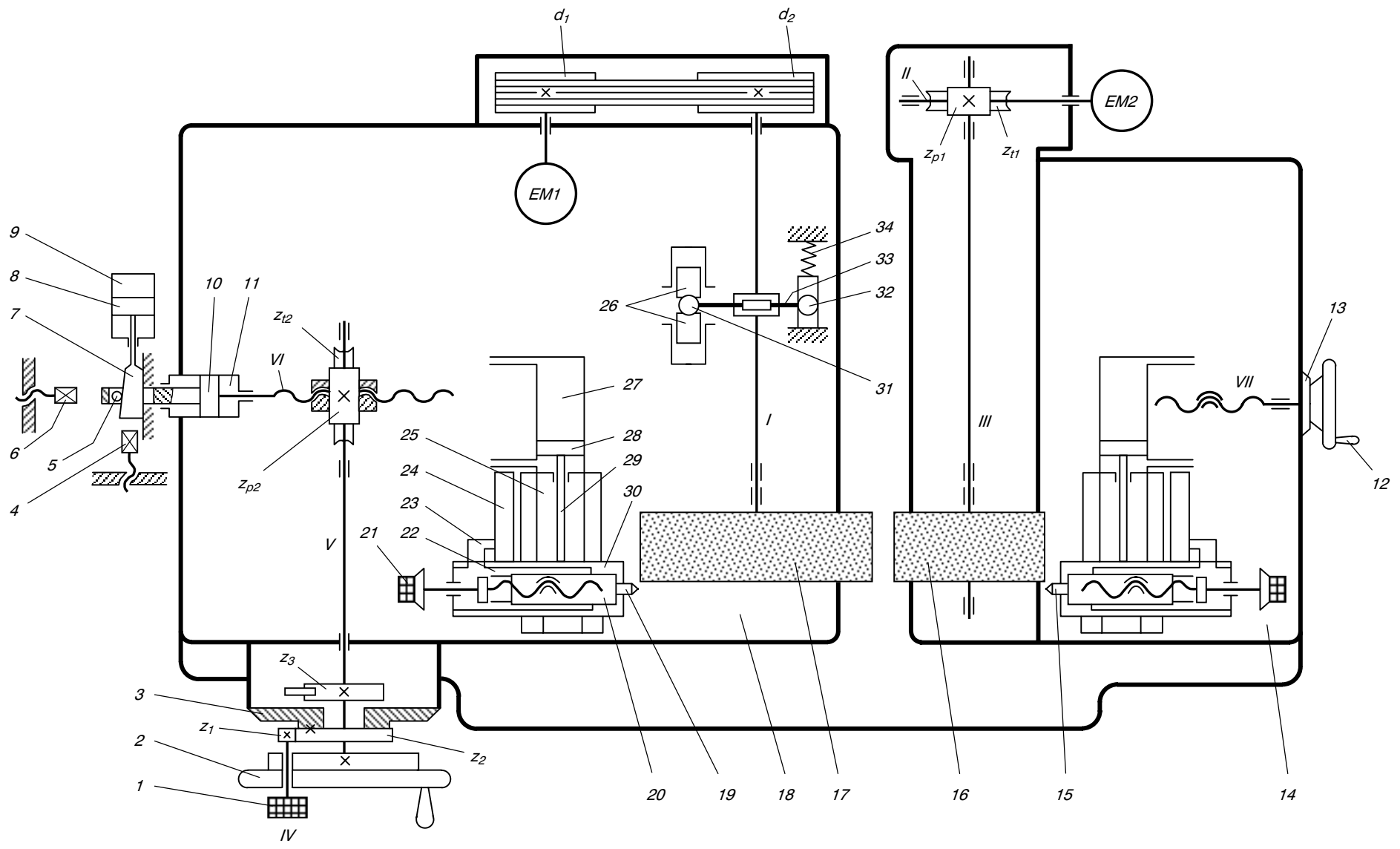




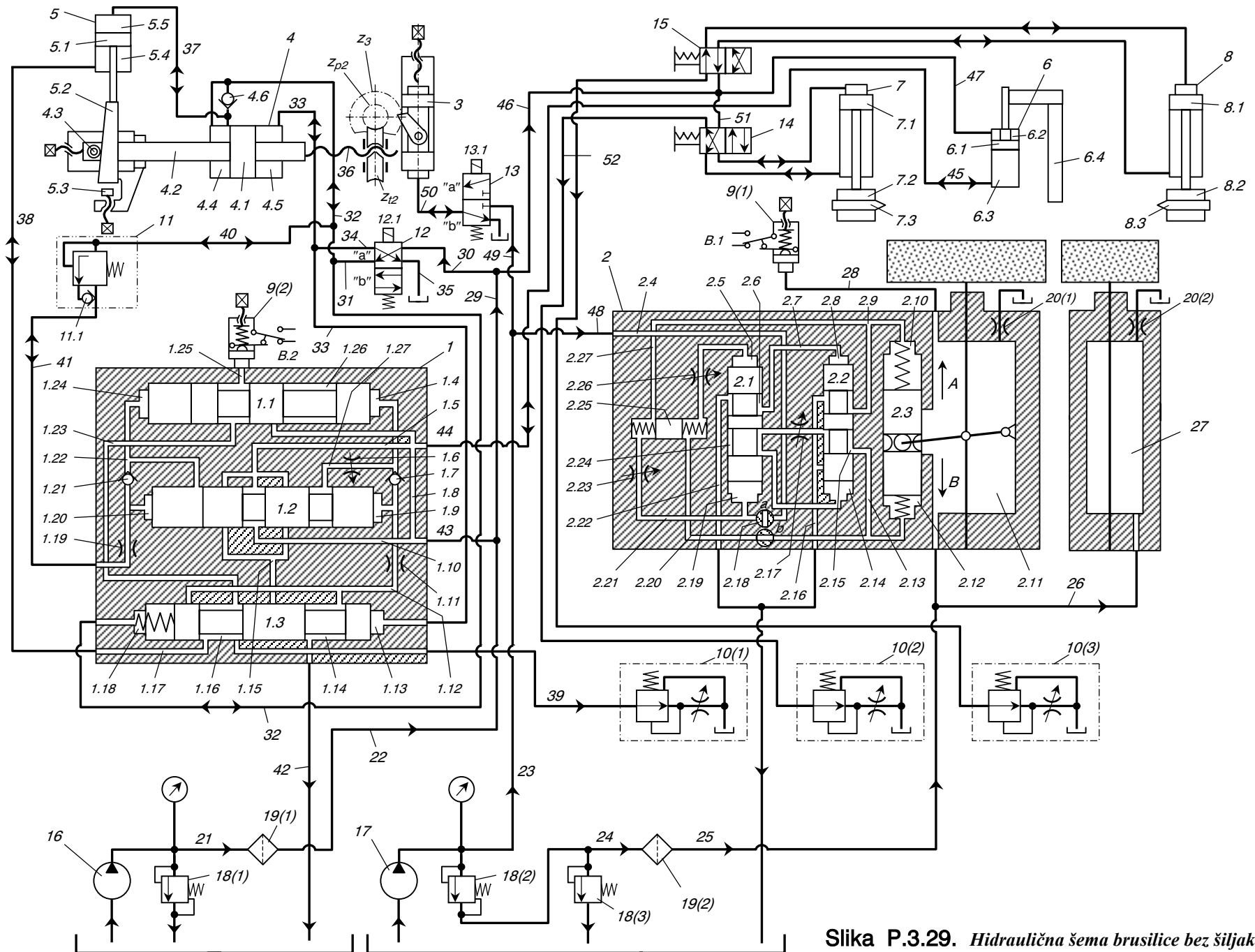
Slika P.3.26. Kinematska šema brusilice za okruglo unutrašnje brušenje



Slika P.3.27. Hidraulična šema brusilice za okruglo unutrašnje brušenje

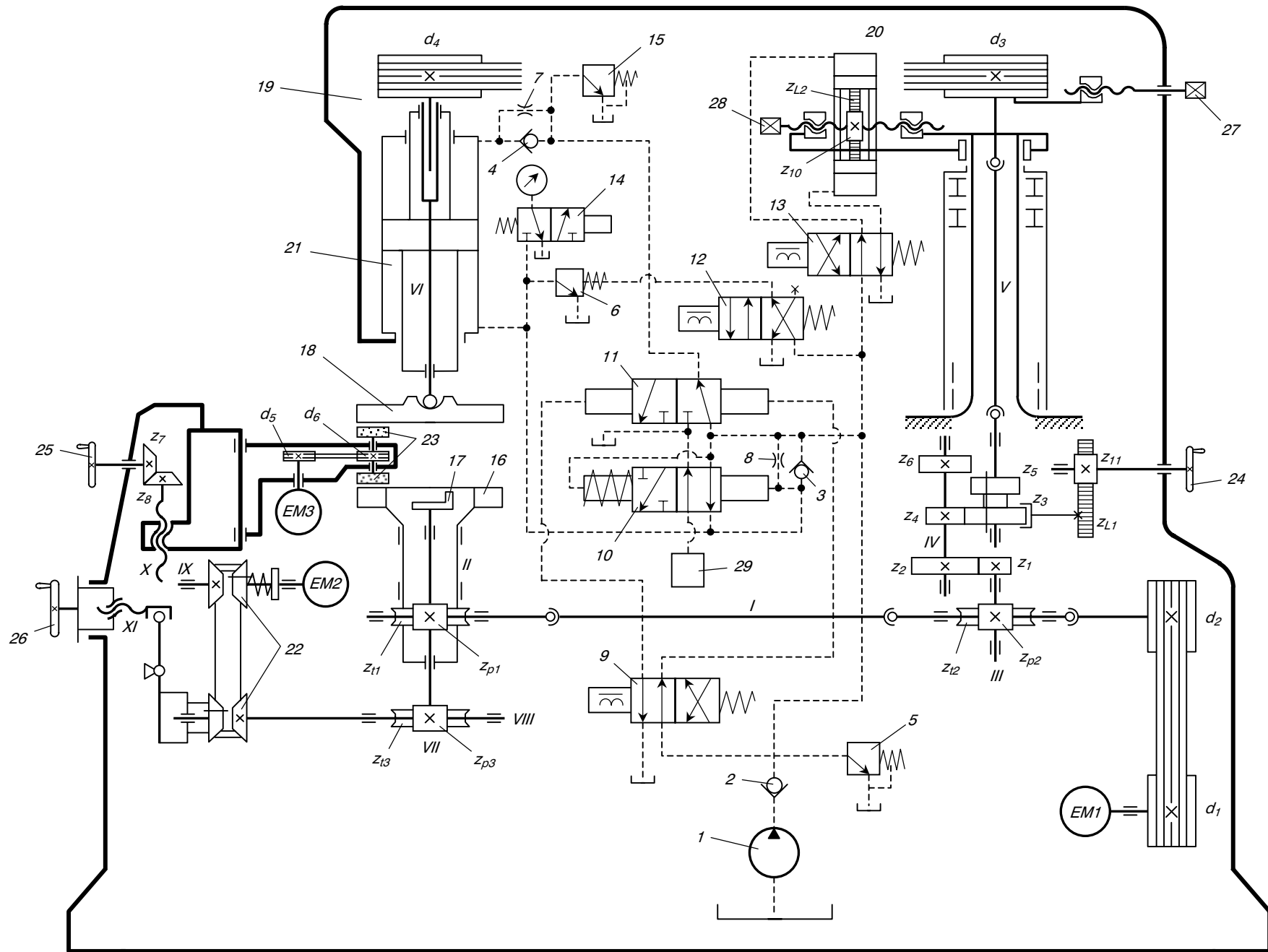


Slika P.3.28. Kinematska šema brusilice bez šiljaka

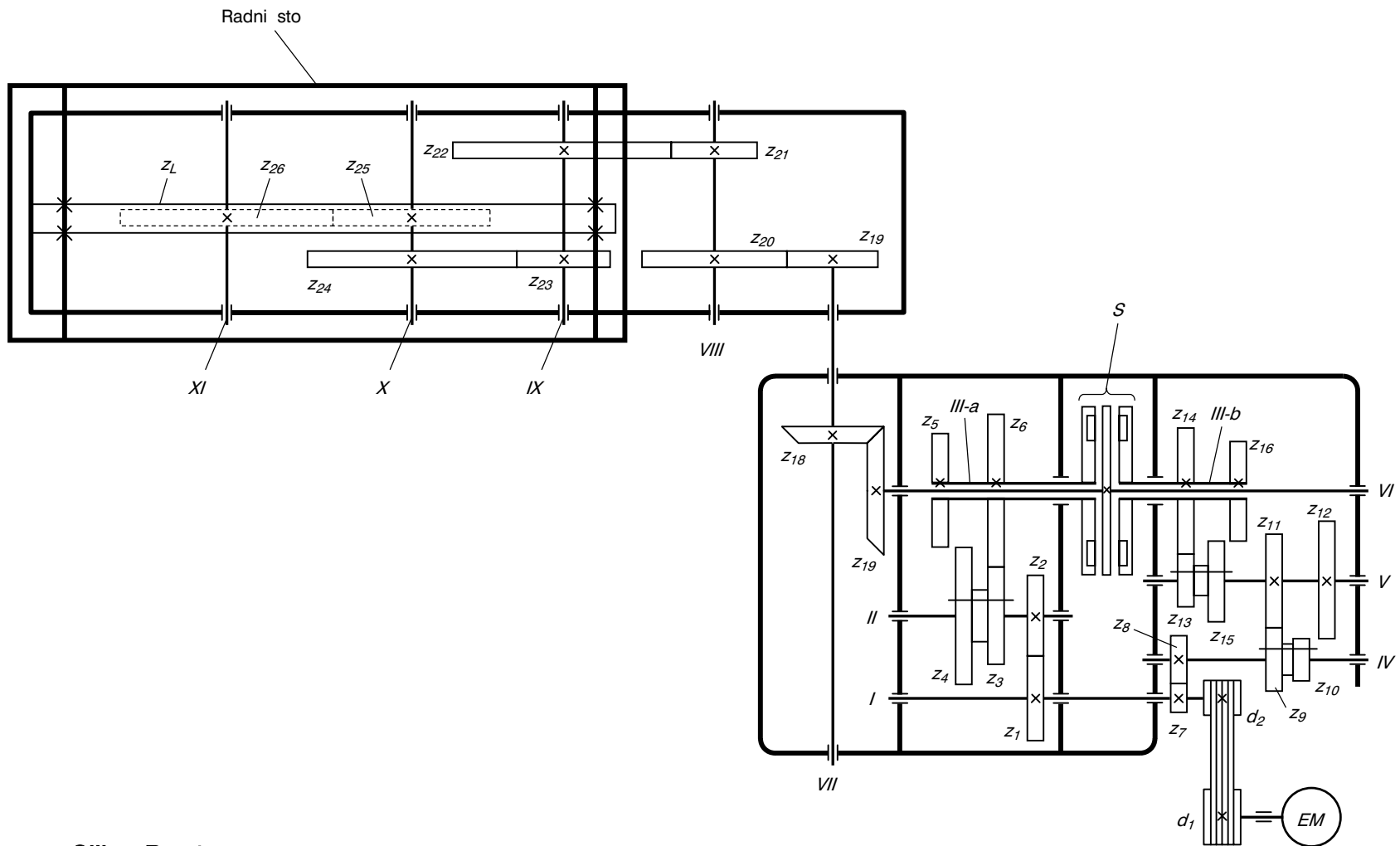


Slika P.3.29. Hidraulična šema brusilice bez šiljaka





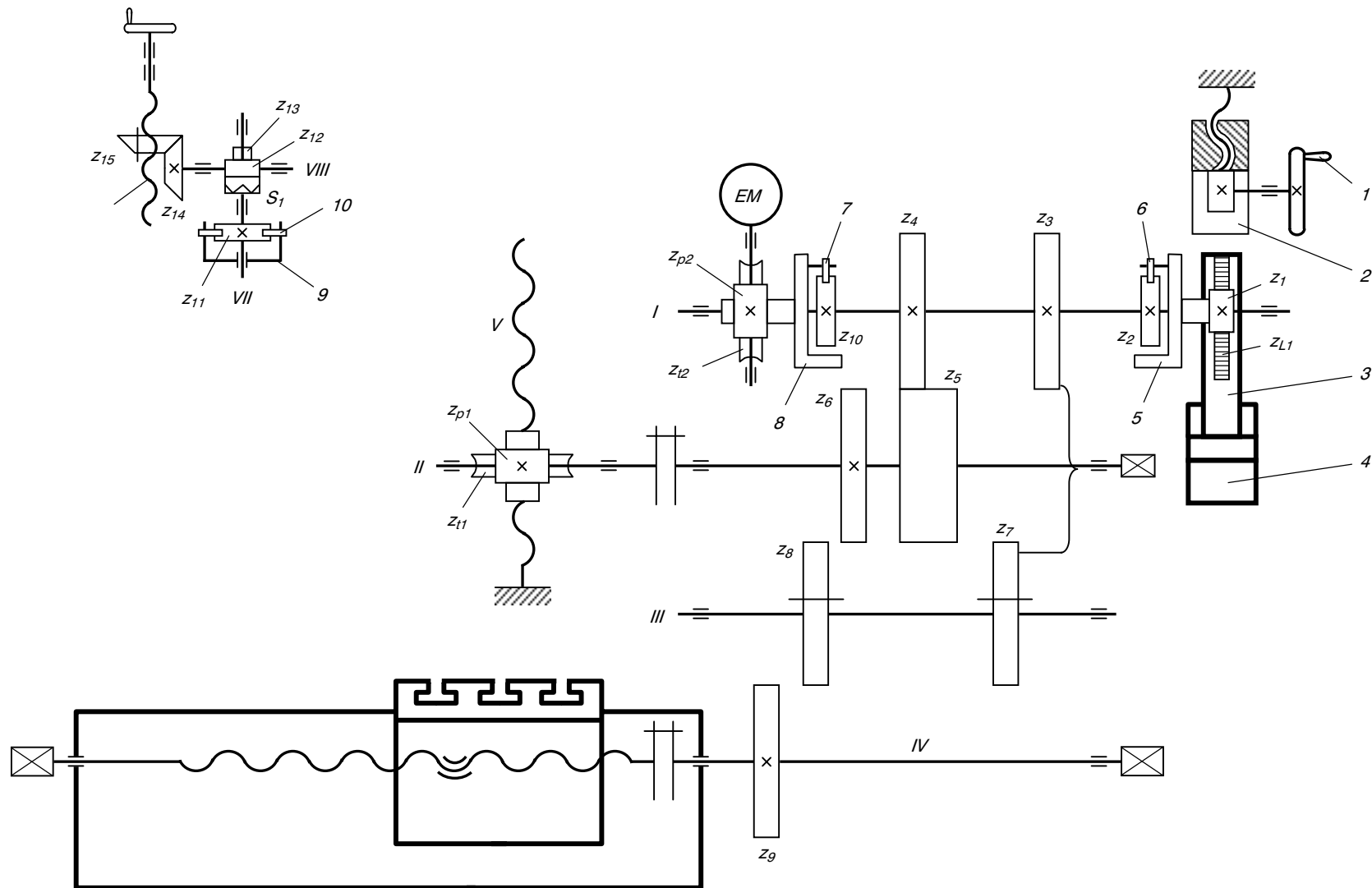
Slika P.331. Kinematska i hidraulična šema mašine za lepovanje



Slika P.4.1. Kinematska šema prijenosnika za glavno kretanje kod blanjalice



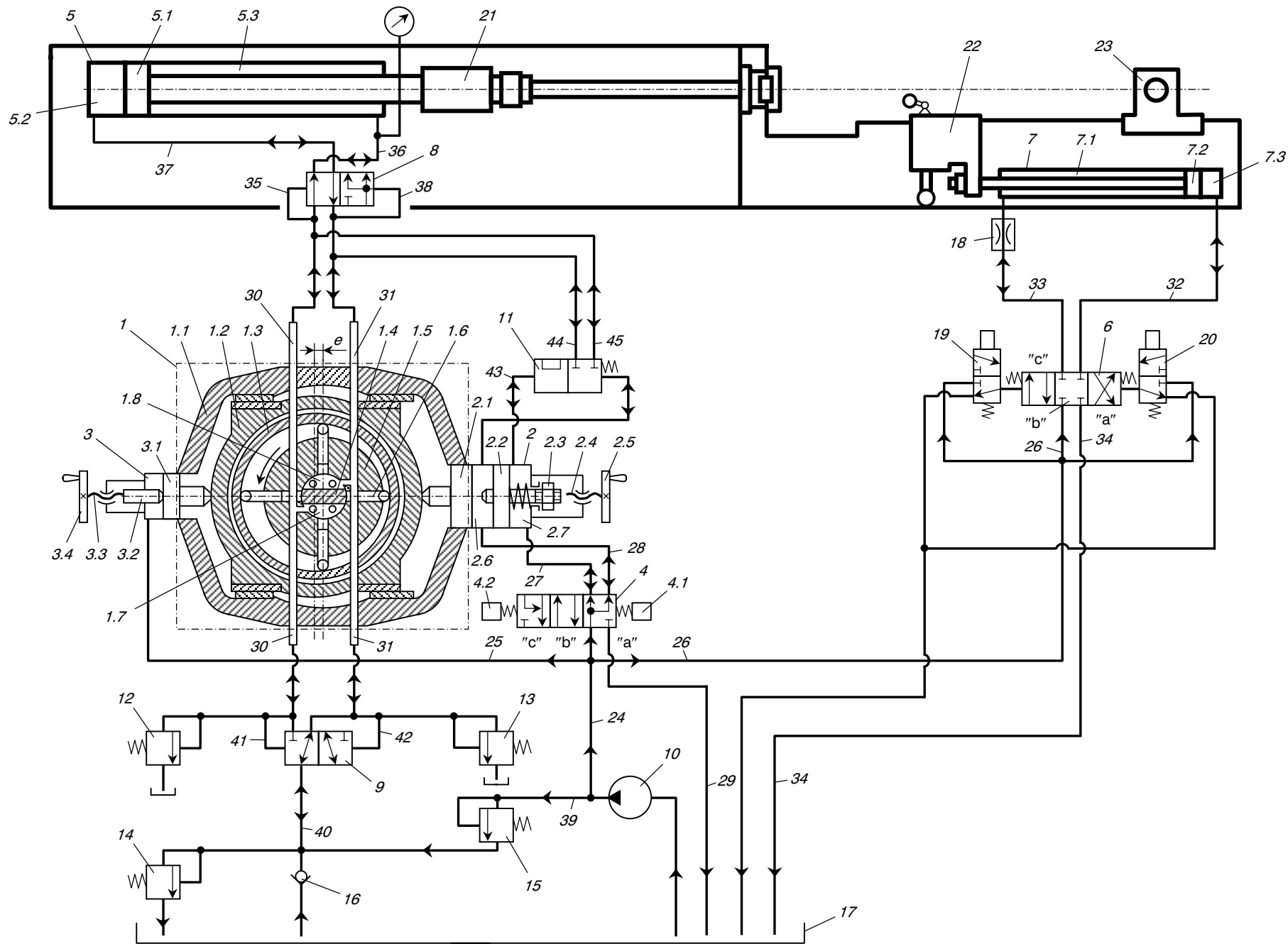




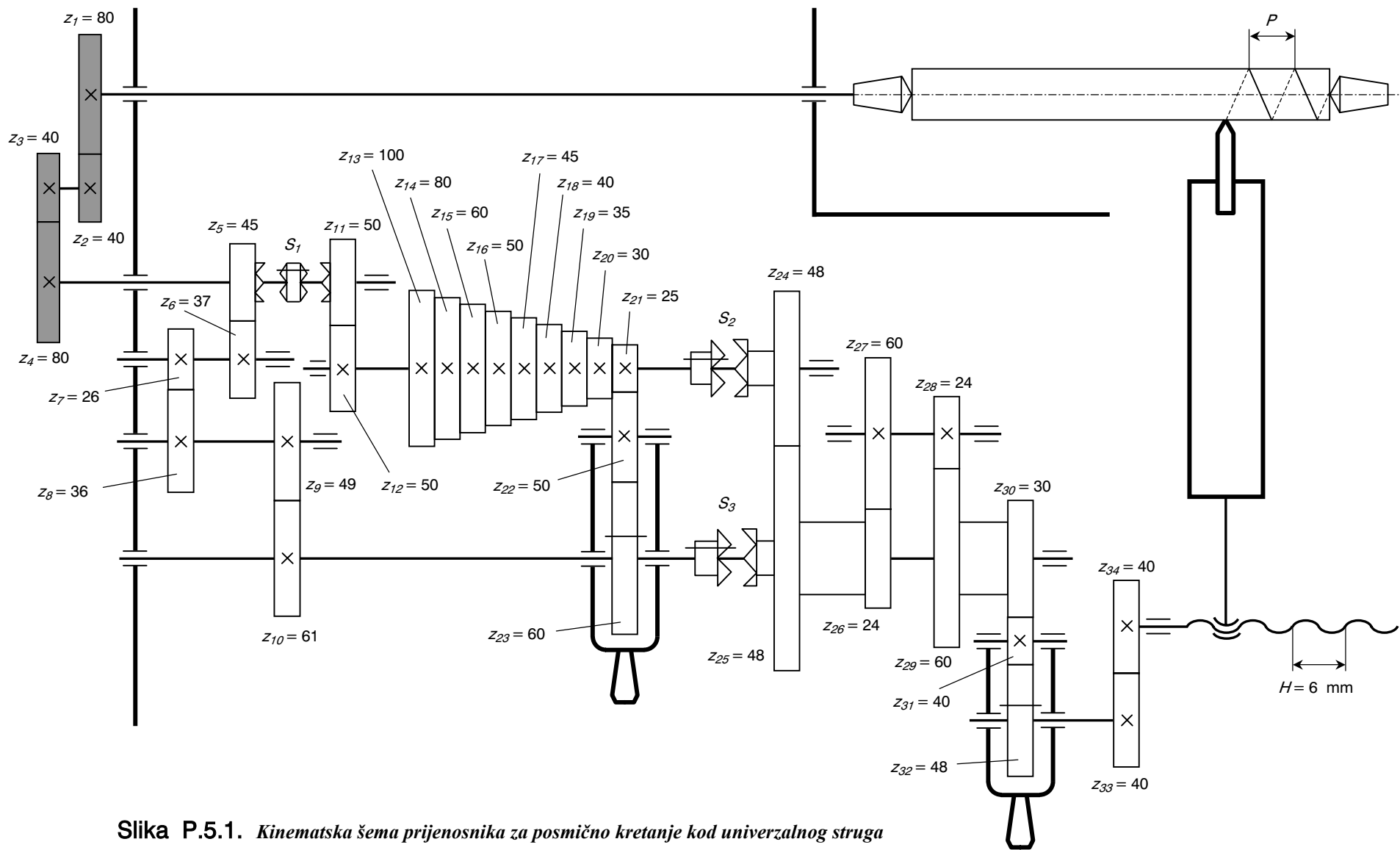
Slika P.4.3. Kinematska šema prijenosnika za posmična kretanja kod rendisaljke sa hidrauličnim pogonom glavnog kretanja



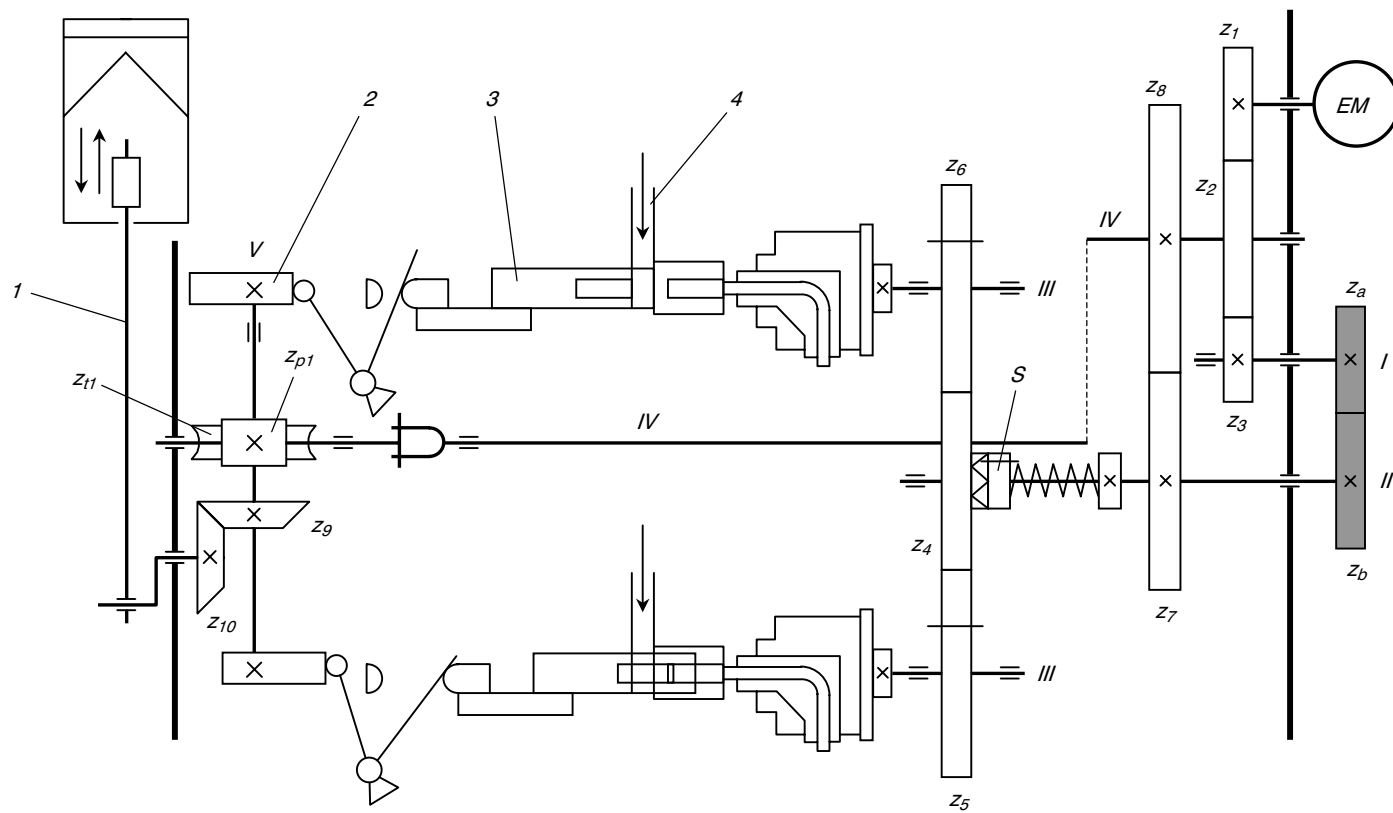




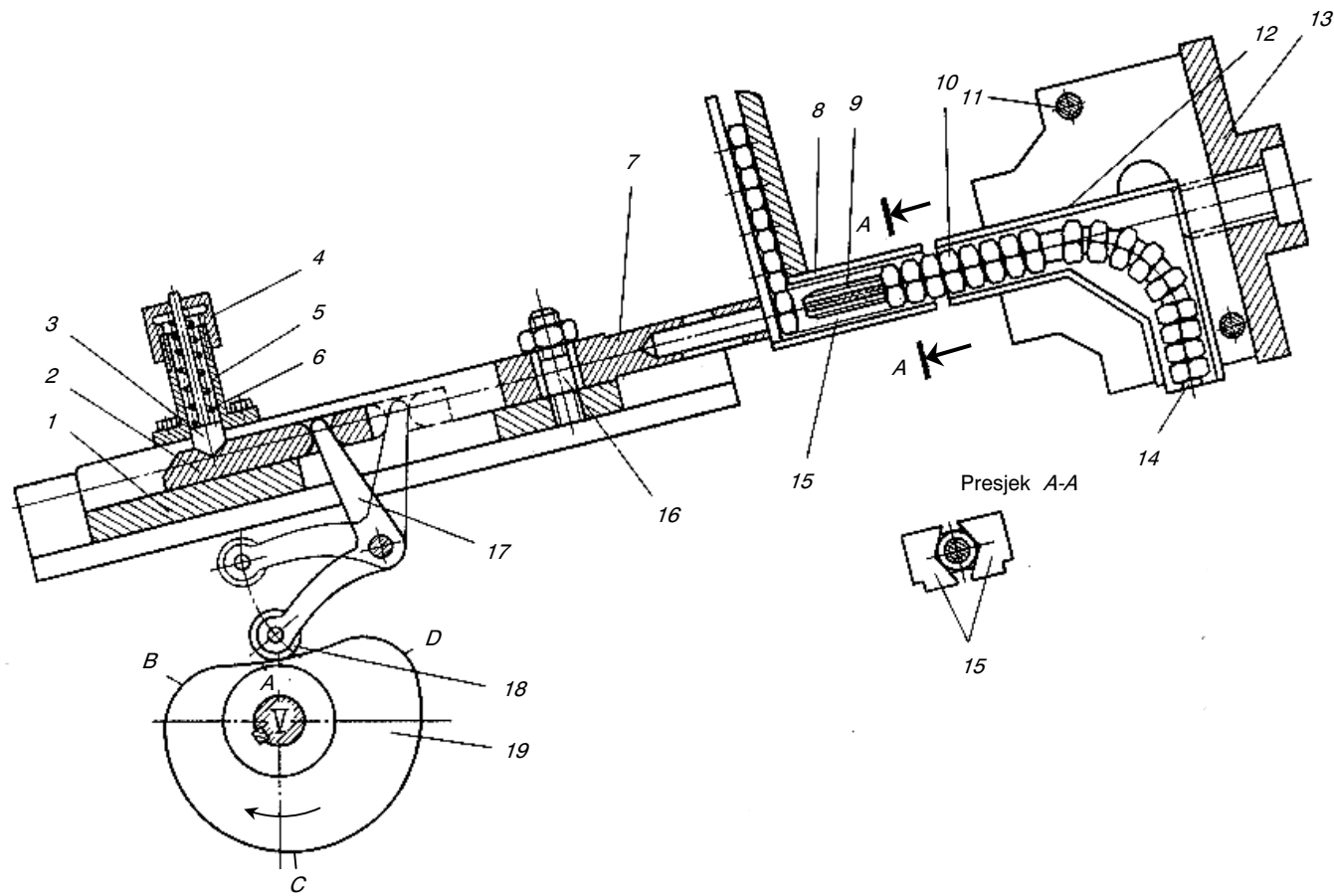
Slika P.4.6. Hidraulična šema horizontalne mašine za provlačenje



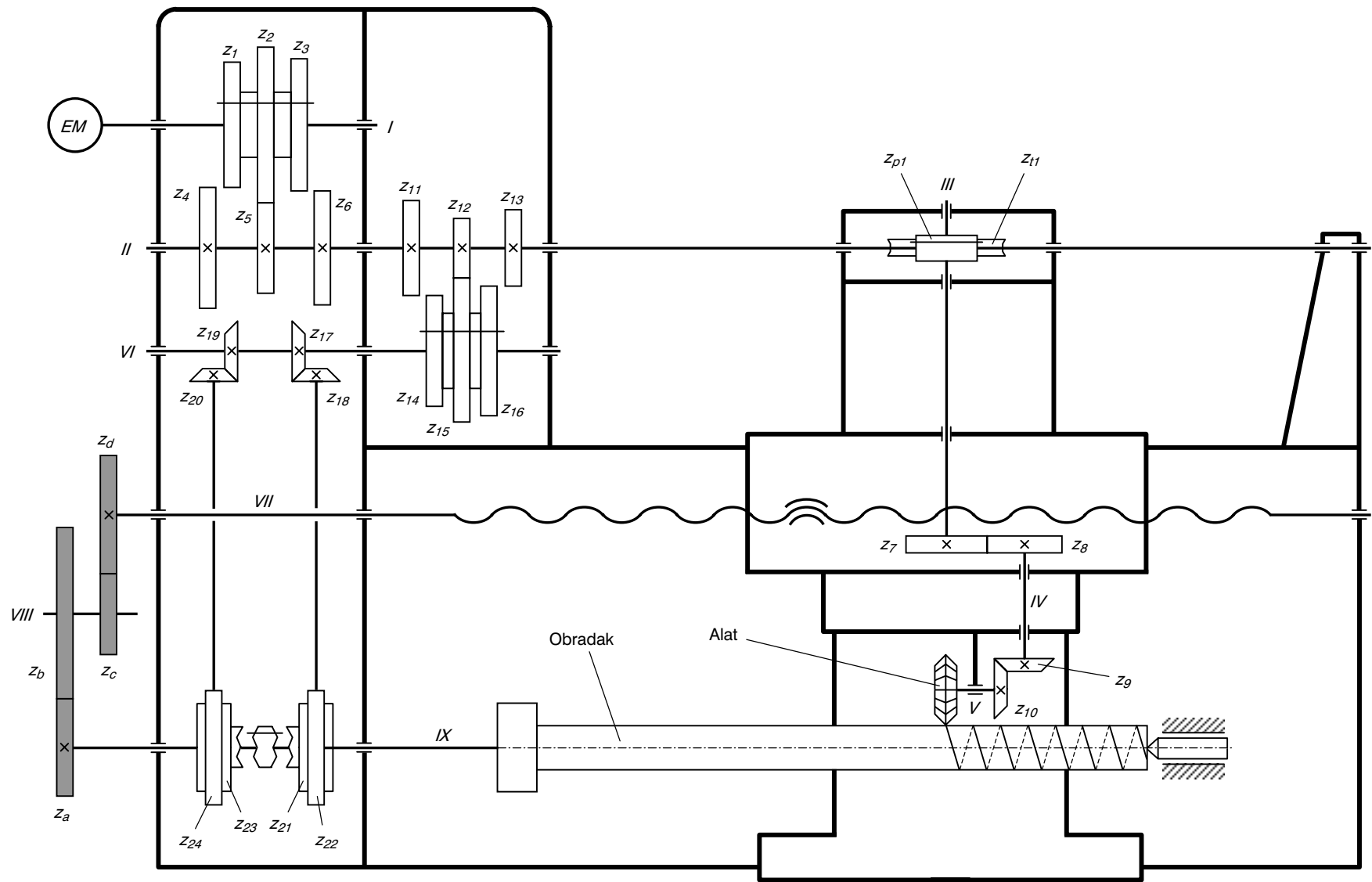
Slika P.5.1. Kinematska šema prijenosnika za posmično kretanje kod univerzalnog struga



Slika P.5.2. Kinematska šema automata za urezivanje navoja u navrtkama

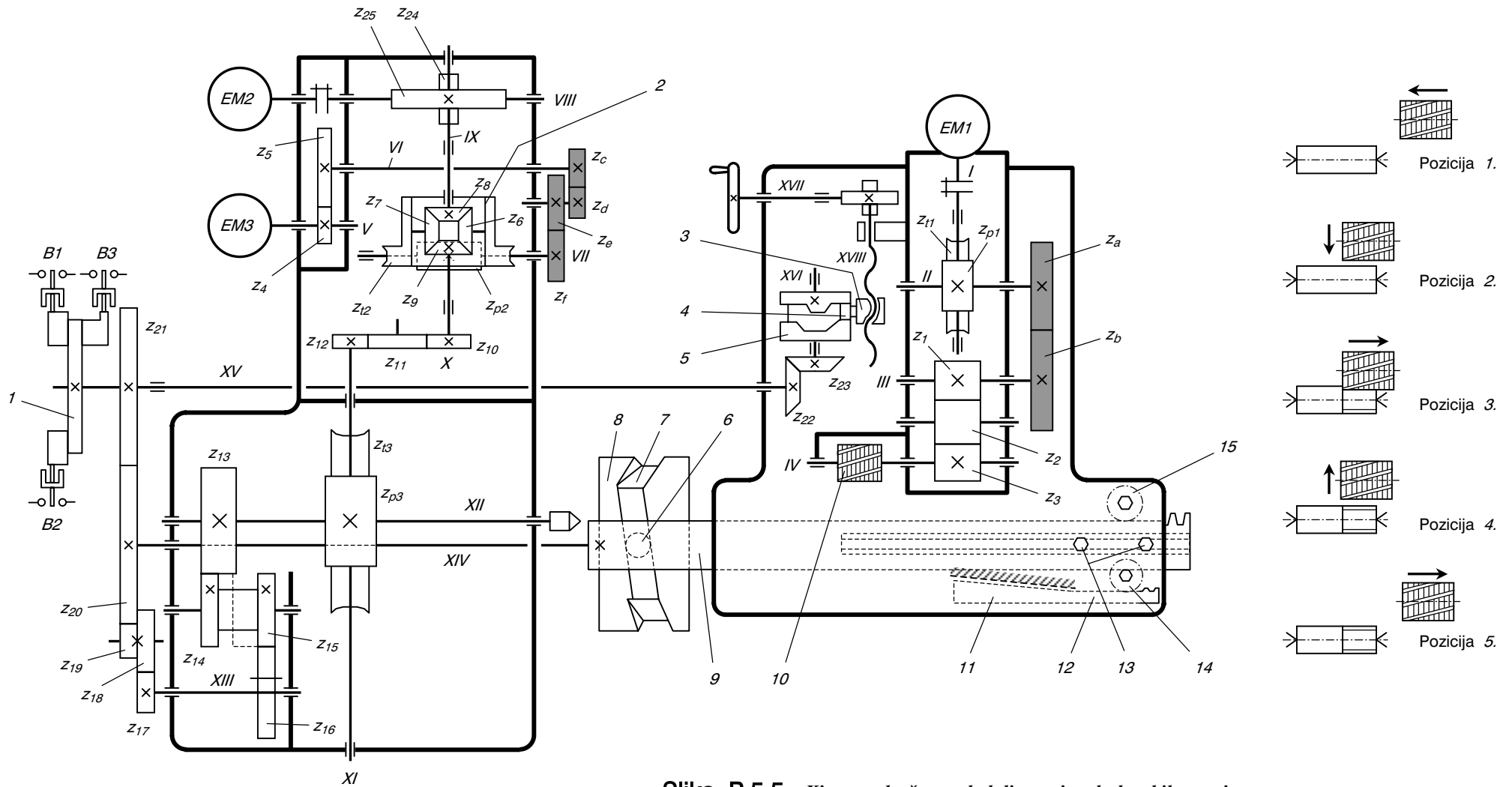


Slika P.5.3. Detalj zone rezanja sa glavnim elementima kod automata za urezivanje navoja u navrtkama



Slika P.5.4. Kinematska šema glodalice za izradu zavojnih vretena

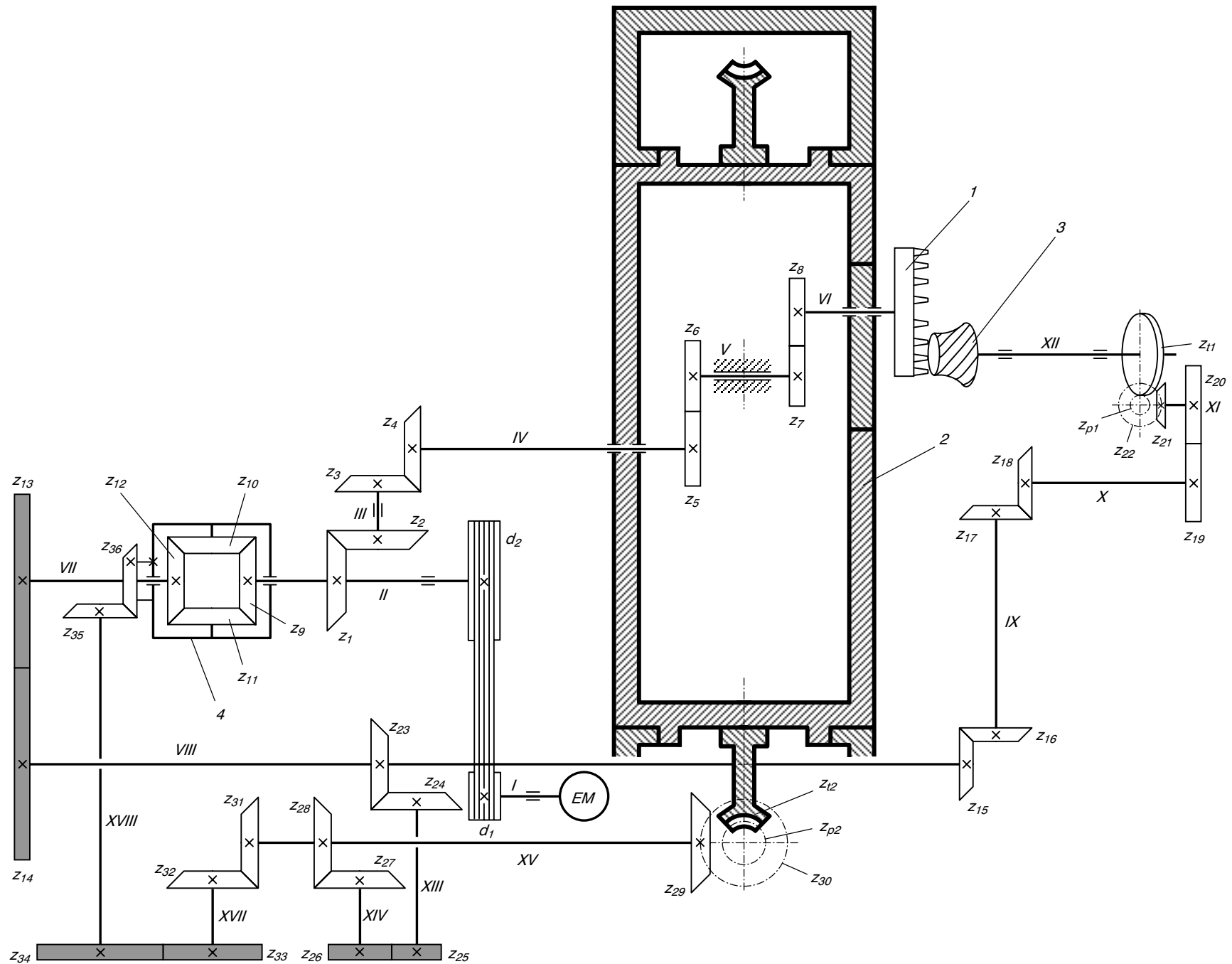




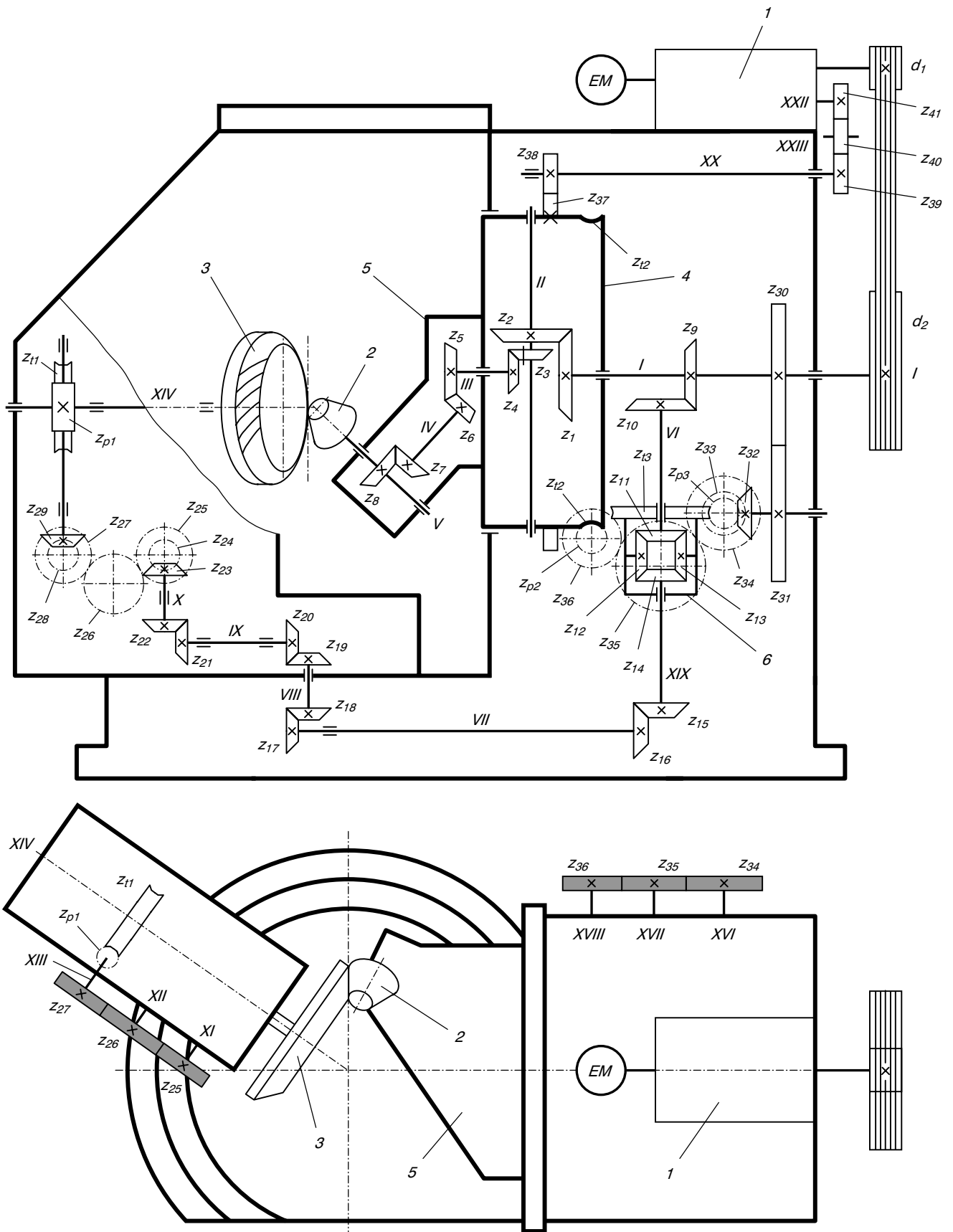
Slika P.5.5. Kinamatska šema glodalice za izradu kratkih navoja





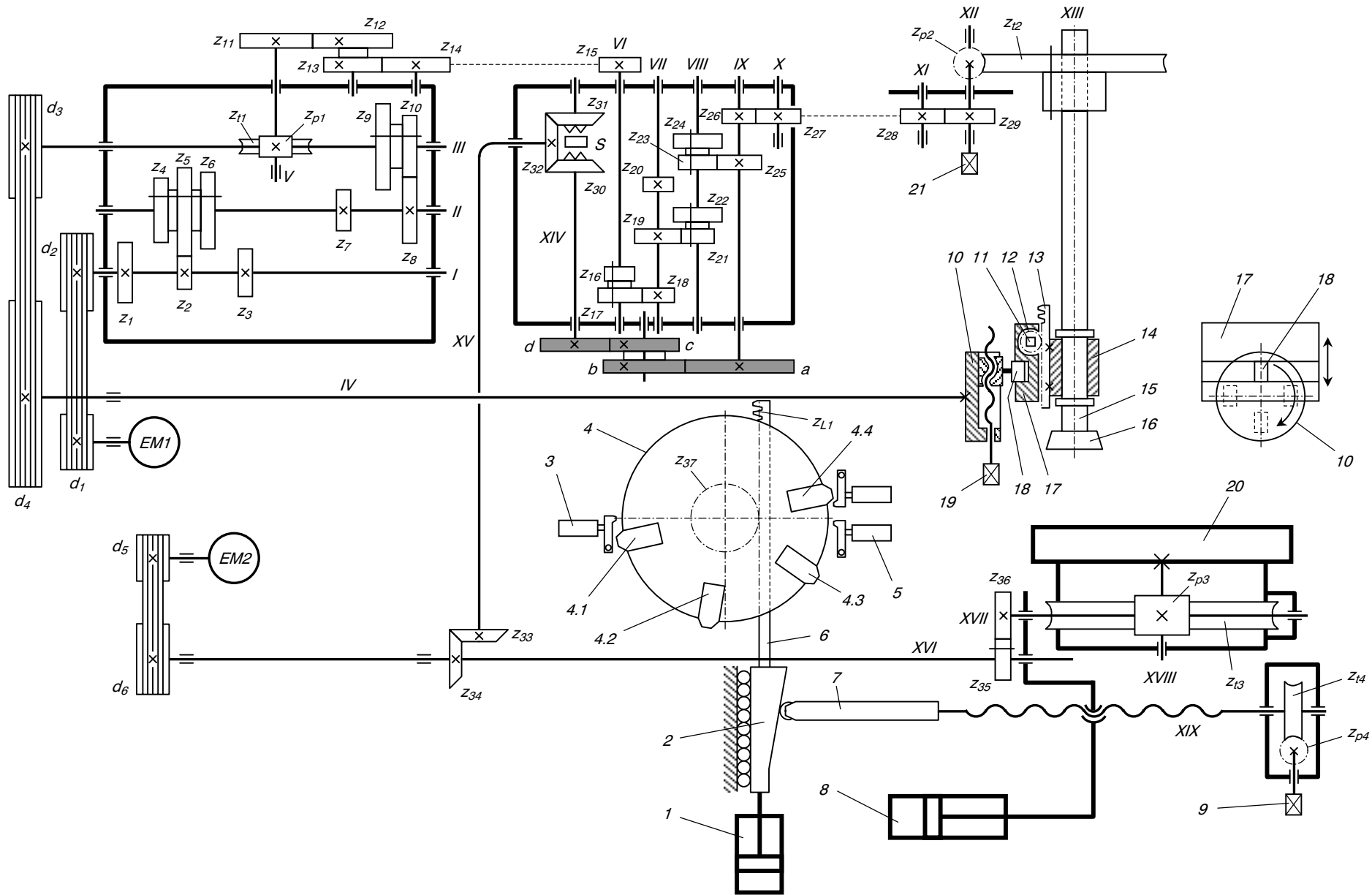


Slika P.5.8. Kinematska šema glodalice za izradu konusnih zupčanika sa zakrivljenim zubima po metodi Fiat-Mammano



Slika P.5.9. Kinematska šema glodalice za izradu konusnih zupčanika sa zakrivljenim zubima po metodi Klingelnberg

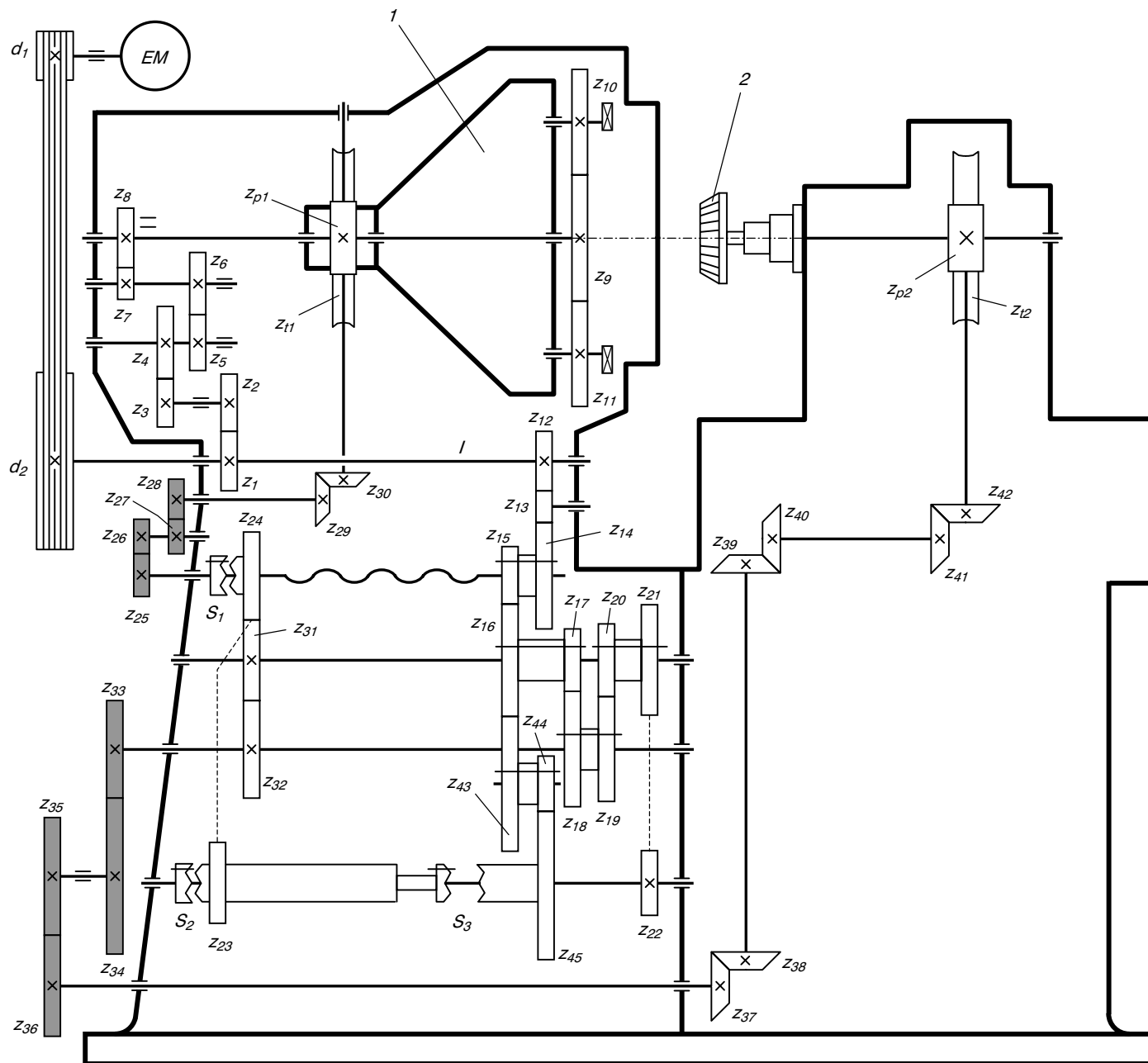




Slika P.5.11. Kinematska šema rendisaljke za izradu cilindričnih zupčanika







Slika P.5.13. Kinematska šema rendisaljke za izradu konusnih zupčanika sa ravnim zubima po metodi Gleason