



Accessible and Verifiable Voting Technology: Mobility

The latest version of this chart appears at <http://www.verifiedvotingfoundation.org/accesscharts>

| Vendor | Model | Height Adjustment | Tilt Adjustment | Booth Size | Lap Voting | Curbside Voting | Additional Features | All Units Accessible | VVPR on All? |
|-------------------------------------|---|-----------------------------------|---------------------------------|----------------------------|---|---------------------------------|-------------------------------------|--------------------------------------|------------------------------|
| AccuPoll | AVS 1000 ¹ | no ² | - | - | keyboard only ² | yes ³ | - | yes | always |
| AutoMARK (ES&S) | ballot marking device ⁴ | no ⁵ | yes ⁵ | - | keyboard only ⁵ | - | - | yes | always |
| Avante | Vote Trakker ⁶ | yes ⁷ | no ⁷ | - | keyboard only ⁸ | no ⁷ | - | yes | always |
| Avante | Vote Trakker Full Face ⁹ | yes ⁶ | no ⁸ | - | keyboard only ⁸ | no ⁷ | - | yes | always |
| Diebold | AccuVote TS ¹⁰ | yes ⁷ | yes ⁷ | - | yes ⁷ 10 lbs. ¹¹ | no ⁷ | - | no | optional |
| Diebold | AccuVote TSX ¹² | - | yes ¹³ | - | yes 10 lbs. ¹² | yes ¹² | - | no | optional |
| ES&S | iVotronic ¹⁴ | yes ⁷ | no ⁷ | - | yes ⁷ 14 lbs. ¹⁴ | yes ⁷ | - | no | optional |
| ES&S | iVotronic LS ¹⁵ | - | - | - | - | - | - | no | optional |
| Hart Intercivic | eSlate ¹⁶ | yes ⁷ | no ⁷ | - | yes <8 lbs. ¹⁷ | yes ⁷ | - | no | optional |
| Populex | Digital Paper Ballot ¹⁸ | - | - | - | - | - | - | no | optional |
| Sequoia | AVC Edge ¹⁹ | yes ⁷ | yes ⁷ | 28x28x60 ²⁰ | audio only ²¹ | yes ⁷ | - | no | optional |

Key to Mobility Chart:

- A. "Height Adjustment" = A mobility disabled voter can adjust the height of the booth.
- B. "Tilt Adjustment" = A mobility disabled voter can adjust the tilt of the screen.
- C. "Booth Size" = These measurements are the dimensions of the voting booth in inches.
- D. "Lap Voting" = Voters can place the entire machine in their laps to make the voting process easier. "Keyboard Only" = Voters can place the keyboard, but not the screen, in their laps. "Audio Only" = Voters can place the keyboard in their laps, but they can use the keyboard only with the audio ballot.
- E. "Curbside Voting" = Voters whose disability prevents them from entering the polling place or standing in line may vote outside the polling place, usually from a vehicle parked at the curb.

Footnotes for Mobility Chart:

1. <http://www.accupoll.com/TheAccuPollAdvantage/Brochures/accessibility.pdf>
2. [Email letter from Frank Wiebe of AccuPoll](#), July 25, 2005.
3. <http://www.johnson-county.com/auditor/min/050503vote.htm>
4. <http://www.essvote.com/HTML/docs/AutoMark.pdf> (Note: Some people maintain that ballot-marking devices are not accessible to mobility-impaired individuals and dexterity-impaired individuals because many of them are not able to move the paper ballot from the ballot-marking device to a secure ballot box. However, the AutoMARK ballot-marking device can release the marked ballot into a [privacy sleeve \(mirror\)](#) to maintain the secrecy of the vote during handling by a poll worker. A voter may also request a "visually impaired ballot" which has no plain text on it (Lou Dedier of Automark, San Francisco mock election, August 10, 2005). Many dexterity-impaired individuals use a gripper jaw to move paper ballots. Volume 1, Section 2.2.7.2.2.5, of the Election Assistance Commission's draft Voluntary Voting System Guidelines, states that voting technology vendors should make provisions for voters who are blind to submit the ballot themselves without the help of an election administrator.)
5. Demonstrated by Lou Dedier of ES&S at the mock election sponsored by San Francisco Department of Elections, August 10, 2005.
6. <http://www.vote-trakker.com/White%20Papers/ACCESSIBLE%20VOTING%20with%20voter%20verifiable%20paper%20records%20in%20DRE%20Voting%20System.pdf> and http://www.vote-trakker.com/accessible_optical_voting.html

7. <http://www.cvfieldsmbp.org/Voting%20Technology%20for%20People%20With%20Disabilities.pdf> p.27 of document and p.37 of PDF file
8. [Email letter from Rick Gleim of Avante](#), August 1, 2005.
9. <http://www.vote-trakker.com/White%20Papers/fullfaceballottouchscreensystem.pdf> and http://www.vote-trakker.com/accessible_optical_voting.html
10. http://www6.diebold.com/dieboldes/accuvote_ts.htm
11. http://www.ss.ca.gov/elections/vsp_min_111003.pdf
12. http://www6.diebold.com/dieboldes/accuvote_tsx.htm
13. http://www.tbpc.state.tx.us/cat_page/578-N1DieboldAccuVoteTSX.pdf under "accessibility"
14. <http://www.essvote.com/HTML/docs/iVotronic.pdf>
15. http://www.essvote.com/HTML/docs/ESS_iVotronic_LS.pdf
16. http://www.hartintercivic.com/files/accessible_DLA_12_rev.pdf
17. http://www.hartintercivic.com/files/accessible_DLA_12_rev.pdf under "lightweight and portable"
18. http://www.populex.com/DPB_Intro.htm
19. <http://www.sequoiaivote.com/docs/AVCEdge.pdf>
20. <http://sequoiaivote.com/productguide.php?product=AVC%20Edge&type=Specifications>
21. Demonstrated by Sheree Noell of Sequoia at the mock election sponsored by the San Francisco Department of Elections, August 10, 2005

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